

at or near Ridgeway, VA, on the one hand, and, on the other, points in the United States (except AK and HI), for 180 days. Supporting shipper(s): The Budd Co./Trailer Division, Route 100, Downingtown, PA 19335. Send protests to: Haskell E. Ballard, District Supervisor, Interstate Commerce Commission, Bureau of Operations, Box F-13206 Federal Building, Amarillo, TX 79101.

MC 145068 (Sub-1TA), filed July 14, 1978. Applicant: D.O.T. TRUCKING, INC., Suite 320, 104 West Marlin, McPherson, KS 67460. Representative: Clyde N. Christey, Suite 110L, 1010 Tyler, Topeka, KS 66612. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Polyurethane foam*, from Newton, KS, and Council Bluffs, IA, to points in CO, MO, OK, and TX, and also between Newton, KS, and Council Bluffs, IA, under a continuing contract, or contracts, with Future Foam, Inc., for 180 days. Applicant has also filed an underlying ETA seeking up to 90 days of operating authority. Supporting shipper(s): Future Foam, Inc., P.O. Box 1017, Downtown Station, Omaha, NE 68101. Send protests to: M. E. Taylor, District Supervisor, Interstate Commerce Commission, 101 Litwin Building, Wichita, KS 67202.

MC 145159TA, filed July 13, 1978. Applicant: FREDERICK M. MACPHERSON, d.b.a. RUMAC TRANSPORTATION, 29 Millpond, North Andover, MA 01884. Representative: James F. Martin, Jr., 8 West Morse Road, Bellingham, MA 02019. Authority sought to operate as a *contract carrier*, by motor vehicle, over irregular routes, transporting: *Malt beverages*, in containers, from South Volney, NY, to Danvers, MA, restricted to shipments destined to the facilities of the Merrimack Valley Distributing Co., and under a continuing contract, or contracts, with Middlesex Valley Distributing Co., for 180 days. Supporting shipper(s): Middlesex Valley Distributing Co., 50 Prince Street, Danvers, MA 01923. Send protests to: Max Gorenstein District Supervisor, Bureau of Operations, Interstate Commerce Commission, 150 Causeway Street, Boston, MA 02114.

MC 121564 (Sub-3TA) filed July 17, 1978. Applicant: ABBOTT BUS LINES, INC., 1703 Granby Street, Roanoke, VA 24012. Representative: Fred W. Abbott, 1703 Granby Street, Roanoke, VA 24012. Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *Passengers and their baggage*, in round trip charter operations beginning and ending at points within the Virginia Counties of Roanoke and Montgomery, and extending

to points in the United States, for 180 days. Supporting shipper(s): (1) Radford College, Radford, VA 23142. (2) Berean Baptist Church, Salem, VA 24153. (3) Duke and Earls, Inc., 1501 Gilmer Avenue NW, Roanoke, VA 24017. (4) K. R. Hopkins Travel, Inc., 9 West Kirk Avenue, Roanoke, VA 24011. Send protests to: Interstate Commerce Commission, P.O. Box 210, Roanoke, VA 24011.

MC 145090, filed July 11, 1978. Applicant: DENVA E. BOWEN JR. & BILLY J. McDANIEL, d.b.a. B & M SERVICE CO., 1520 Rebecca Drive, Chattanooga, TN 37412. Representative: Denva E. Bowen Jr. (same as above). Authority sought to operate as a *common carrier*, by motor vehicle, over irregular routes, transporting: *passengers and their baggage* in the same vehicle with passengers between Chattanooga, TN and Hollywood, AL serving all intermediate points from Chattanooga, TN over I-24 to Hallett exit and junction with U.S. 41 and travel U.S. 41 to U.S. 72 junction, thence over U.S. 72 to Hollywood, AL and return over the same route, for 180 days. Applicant has also filed an underlying ETA seeking up to 90 days of operating authority. Supporting shipper(s): There are approximately 32 statements of support attached to the application which may be examined at the Interstate Commerce Commission in Washington, D.C. or copies thereof which may be examined at the filed office named below. Send protests to: Glenda Kuss, Transportation Assistant, Bureau of Operations, Interstate Commerce Commission, Suite A-422, U.S. Courthouse, 801 Broadway, Nashville, TN 37203.

By the Commission.

H. G. HOMME, Jr.,
Acting Secretary.

[FR Doc. 78-26189 Filed 9-15-78; 8:45 am]

[7035-01]

[Notice No. 106]

MOTOR CARRIER BOARD TRANSFER PROCEEDINGS

The following publications include motor carrier, water carrier, broker, and freight forwarder transfer applications filed under sections 212(b), 206(a), 211, 312(b), and 410(g) of the Interstate Commerce Act.

Each application (except as otherwise specifically noted) contains a statement by applicants that there will be no significant effect on the quality of the human environment resulting from approval of the application.

Protests against approval of the application, which may include a request for oral hearing, must be filed with

the Commission on or before October 18, 1978. Failure seasonably to file a protest will be construed as a waiver of opposition and participation in the proceeding. A protest must be served upon applicants' representative(s) or applicants (if no such representative is named), and the protestant must certify that such service has been made.

Unless otherwise specified, the signed original and six copies of the protest shall be filed with the Commission. All protests must specify with particularity the factual basis, and the section of the Act, or the applicable rule governing the proposed transfer which protestant believes would preclude approval of the application. If the protest contains a request for oral hearing, the request shall be supported by an explanation as to why the evidence sought to be presented cannot reasonably be submitted through the use of affidavits.

The operating rights set forth below are in synopsis form, but are deemed sufficient to place interested persons on notice of the proposed transfer.

MC-FC-77729, filed June 30, 1978. Transferee: THREE L CORP., P.O. Box 3, Tama, IA 52339. Transferor: C. E. Hornback, Inc., Second and Siegel, Tama, IA 52339. Representative: James M. Hodge, 1980 Financial Center, Des Moines, IA 50309. Authority sought for purchase by transferee of the operating rights of transferor, as set forth in permit MC 105463 (Sub-8), issued March 9, 1973, as follows: Meats, meat products, and meat by-products, and articles distributed by meat packinghouses, as described, from the facilities of Tama Meat Packing Corp. at Tama, IA, to points in IL, IN, KS, MI, MN, MO, NE, OH, SD, and WI. Transferee presently holds no authority from this Commission. Application has been filed for temporary authority under section 210a(b).

MC-FC-77741, filed June 22, 1978. Transferee: BREMERTON TRANSFER & STORAGE CO., LTD., 221 Bruenn Avenue, Bremerton, WA 98310. Transferor: Bremerton Transfer & Storage Co., Inc., 221 Bruenn Avenue, Bremerton, WA 98310. Representative: George H. Hart, Attorney at Law, 1100 IBM Building, Seattle, WA 98101. Authority sought for purchase by transferee of the operating rights of transferor as set forth in certificate MC 133075 (Sub-1), issued November 3, 1969, as follows: Used household goods, between points in Kitsap, Mason, Pierce, Jefferson, and Grays Harbor Counties, WA, restricted to the transportation of traffic having a prior or subsequent movement, in containers, beyond the points authorized, and further restricted to the performance of pickup and delivery service in connection with packing, crating, and con-

tainerization, or unpacking, uncrating, and decontainerization of such traffic. Transferee presently holds no authority from this Commission. Temporary authority was granted July 11, 1978, under section 210a(b).

MC-FC-77752, filed July 19, 1978. Transferee: L. PARKS, INC., 131 Hubbard Street, Ludlow, MA 01056. Transferor: Robert A. Sweeney, d.b.a. Yankee Motor Lines, 246 Cottage Street, Springfield, MA 01104. Representative: Patrick A. Doyle, Attorney, 60 Robbins Road, Springfield, MA 01104. Authority sought for purchase by transferee of the operating rights of transferor as set forth in certificate of registration MC 120902 (Sub-1) issued January 22, 1964, as follows: General commodities anywhere within the Commonwealth. Transferee presently holds no authority from this Commission. Application has not been filed for temporary authority under section 210a(b).

MC-FC-77792, filed July 30, 1978. Transferee: MELVIN C. SAUCIER, d.b.a. SAUCIER TRUCKING, Rural Route 2, Box 8, Canton, MO 63248. Transferor: Carl H. Laeding, Box 96, Lima, IL 63248. Representative: Robert T. Lawley, Attorney at Law, 300 Reisch Building, Springfield, IL 62701. Authority sought for purchase by transferee of the operating rights of transferor as set forth in permit MC 28180 issued August 28, 1972, as follows: Feed, feeding troughs, animal dip, dry-earth paint, and premium articles, from Quincy, IL, to points in that part of MN south of and including the counties of Lac Qui Parle, Swift, Kandiyohi, Meeker, Wright, Sherburne, and Anoka. Restriction: The transportation service authorized must be performed under such contracts or agreements with persons (as defined in section 203(2) of the Interstate Commerce Act) who operate feed and seed business houses, the business of which is the sale of feed and seed; such general merchandise as is dealt in by feed and seed houses, between Minneapolis, MN, on the one hand, and, on the other, points in IA; dried buttermilk and dried skim milk (for animal food), from points in MN to Quincy, IL, and points in IA; seed corn, from Waterville, MN, to points in that part of IA on and north of U.S. Hwy 20; animal and poultry feed, animal and poultry tonics and medicines, feeding troughs, animal dip, dry-earth paint, premium articles, animal and poultry mineral mixtures, insecticides, and advertising matter, from Quincy, IL to points in that part of MN south of and including Traverse, Stevens, Pope, Stearns, Benton, Mille Lacs, Isanti, and Chisago Counties, MN; and grain, mill feeds, soybeans, bean meal, tankage, meat scraps, dried

blood, bonemeal, and alfalfa leaf or meal, from points in that part of MN south of and including Traverse, Stevens, Pope, Stearns, Benton, Mille Lacs, Isanti, and Chisago Counties, MN, to Quincy, IL; fertilizer, in bulk, from Winona, MN, to points in IA and WI within 125 miles of Winona, MN, other than incorporated municipalities; animal and poultry feed, animal and poultry tonics and medicines, feed troughs, animal dip, dry-earth paint, animal and poultry mineral mixtures, insecticides, and premiums and advertising matter used in connection with the above-specified commodities, from Quincy, IL, to points in that part of MN north of Traverse, Stevens, Pope, Stearns, Benton, Mille Lacs, Isanti, and Chisago Counties, MN; and returned, damaged and defective shipments of the above commodities; and grain, mill feeds, soybeans, bean meal, tankage, meat scraps, dried blood, bonemeal, and alfalfa meal, from the next above-specified destination points in MN to Quincy, IL. Transferee presently holds no authority from this Commission. Application has not been filed for temporary authority under section 210a(b).

MC-FC-77803, filed August 3, 1978. Transferee: PAUL JONES, INC., 941 Fairmont Street, P.O. Box 24, Elizabeth, NJ 07206. Transferor: Jefmor Trucking Co., Inc., 941 Fairmont Avenue, P.O. Box 24, Elizabeth, NJ 07206. Representative: Robert B. Pepper, Registered Practitioner, 188 Woodbridge Avenue, Highland Park, NJ 08904. Authority is sought for purchase by transferee of the operating rights of transferor as set forth in permit MC 133660 issued October 1, 1970, as follows: Paint, and materials, equipment, and supplies used in the manufacture or sale of paint, except commodities in bulk, between New York, NY, and Yonkers, NY, on the one hand, and, on the other, points in the United States (except AK and HI), limited to a transportation service to be performed, under contract with Proctor Paint & Varnish Co., Inc., of Yonkers, NY. Transferee presently holds no authority from this Commission. Application has not been filed for temporary authority under section 210a(b).

MC-FC-77817, filed August 11, 1978. Transferee: KINCAID COACH LINES, INC., 5639 Merriam Drive, Merriam, KS 66203. Transferor: Easton Bus Service, Inc., Easton, KS 66020. Representative: Frank W. Taylor, Jr., Attorney at Law, 1221 Baltimore Avenue, Suite 600, Kansas City, MO 64105. Authority sought for purchase by transferee of a portion of the operating right of transferor, as set forth in certificate MC 112559 (Sub-1), issued June 1, 1971, as follows: Passen-

gers and their baggage, and express and newspapers in the same vehicle with passengers, between Leavenworth, KS, and Kansas City, MO, serving all intermediate points: From Leavenworth over U.S. Hwy 73 (formerly U.S. Hwy 73E), to Lansing, KS, then over an unnumbered hwy to junction KS Hwy 5, then over KS Hwy 5 to junction unnumbered hwy known as Smith Road, then over Smith Road to junction U.S. Hwy 40, then over U.S. Hwy 40 to Kansas City, KS, and then over city streets to Kansas City, MO, and return over the same route. Transferee presently holds no authority from this Commission. Application has not been filed for temporary authority under section 210a(b).

MC-FC-77818, filed August 10, 1978. Transferee: V. VAN DYKE, d.b.a. VAN DYKE TRUCK LINES, 150 South River Street, Seattle, WA 98108. Transferor: Jovan, Inc., 1344 Dexter Horton Building, Seattle, WA 98104. Representative: V. Van Dyke (address same as above). Authority sought for purchase by transferee of the operating rights of transferor, as set forth in certificate MC 142316, issued June 23, 1977, as follows: Machinery, mining equipment, mining supplies, mine ores (except coal, and building materials), between points in that part of MT on and east of a line beginning at Monida Pass, MT, and extending northerly to the international boundary line between the United States and Canada, near Babb, MT, on the one hand, and, on the other, points in MT, ID, OR, and WA; building materials, between points in OR, WA, ID, and that part of MT west of a line extending in a northerly direction from Monida Pass, MT, to the international boundary line between the United States and Canada near Piegan, MT. Transferee is presently authorized to operate as a common carrier under certificate MC 114730. Application has not been filed for temporary authority under section 210a(b).

MC-FC-77824, filed August 24, 1978. Transferee: UNITED OIL OF MAGIC VALLEY, INC., 1992 Kimberly Road, Twin Falls, ID 83301. Transferor: United Oil of Idaho, Inc., 1992 Kimberly Road, Twin Falls, ID 83301. Representatives: John R. Coleman, Attorney, P.O. Box 525, Twin Falls, ID 83301, and Raymond D. Givens, Attorney, P.O. Box 2720, Boise, ID 83701. Authority sought for purchase by transferee of the operating rights of transferor as set forth in certificate MC 140150 (Sub-2) issued July 18, 1975, as follows: Potato starch slurry, in bulk, from Ontario, OR, to Murtaugh, ID. Transferee presently holds no authority from this Commission. Application has not been filed for tem-

porary authority under section 210a(b).

H. G. HOMME, Jr.,
Acting Secretary.

[FR Doc. 78-26191 Filed 9-15-78; 8:45 am]

[7035-01]

[Notice No. 169]

MOTOR CARRIER TEMPORARY AUTHORITY APPLICATIONS

The following are notices of filing of applications for temporary authority under section 210a(a) of the Interstate Commerce Act provided for under the provisions of 49 CFR 1131.3. These rules provide that an original and six (6) copies of protests to an application may be filed with the field official named in the FEDERAL REGISTER publication no later than the 15th calendar day after the date the notice of the filing of the application is published in the FEDERAL REGISTER. One copy of the protest must be served on the applicant, or its authorized representative, if any, and the protestant must certify that such services has been made. The protest must identify the operating authority upon which it is predicated, specifying the "MC" docket and "Sub" number and quoting the particular portion of authority upon which it relies. Also, the protestant shall specify the service it can and will provide and the amount and type of equipment it will make available for use in connection with the service contemplated by the TA application. The weight accorded a protest shall be governed by the completeness and pertinence of the protestant's information.

Except as otherwise specifically noted, each applicant states that there will be no significant effect on the quality of the human environment resulting from approval of its application.

A copy of the application is on file, and can be examined at the Office of the Secretary, Interstate Commerce Commission, Washington, D.C., and also in the ICC Field Office to which protests are to be transmitted.

MOTOR CARRIERS OF PROPERTY

W-1218 (Sub-6TA). By order entered August 31, 1978, the Motor Carrier Board granted Gateway Clipper, Inc., Pittsburgh, PA, 180 day temporary authority to engage in the business of transportation by water vessel, in interstate commerce, in the transportation of passengers by self-propelled vessel, in charter and special operations, between Pittsburgh, Sewickley, Edgeworth, Leetsdale, Ambridge, Aliquippa, Monaca, Rochester, Beaver, and Midland, PA; East Liverpool, Steubenville, Belaire, Marietta, and Gallipolis, OH; and Wheeling, New Mar-

tinsville, Parkersburg, Huntington, and Charleston, WV, on the Ohio River and its tributaries, and passengers by self-propelled vessel, in special operations, between Pittsburgh, Brownsville, Monongahela, Charleroi, and Point Marion, PA, and Morgantown and Fairmont, WV, on the Monongahela River. William A. Gray, Wick, Vuono & Lavelle, 2310 Grant Building, Pittsburgh, PA 15219, for applicant. Any interested person may file a petition for reconsideration within 20 days of the date of this publication. Within 20 days after the filing of such petition with the Commission, any interested person may file and serve a reply thereto.

MC 95920 (Sub-48TA), filed May 26, 1978. Applicant: SANTRY TRUCKING CO., 11552 Southwest, Pacific Highway, Portland, OR 97223. Representative: George R. LaBissoniere, 1100 Norton Building, Seattle, WA 98104. By order of September 5, 1978, the Motor Carrier Board granted authority to applicant to operate as a contract carrier, by motor vehicle, over irregular routes, transporting: (1) *Malt beverages and supplies, materials, and equipment* used in the manufacture of malt beverages, (except commodities in bulk), from St. Paul, MN to points in FL, GA, KY, TN, NM and TX; and (2) *Supplies, materials, and equipment* used in the manufacture of malt beverages, from the destinations named in (1) above to St. Paul, MN under a continuing contract, or contracts with Olympia Brewing Co. Notice of this application in the FEDERAL REGISTER on July 3, 1978, inadvertently showed points in MN in lieu of NM. Insofar as authority to serve to and from points in NM is concerned, interested parties may file petitions for reconsideration on or before 15 calendar days from the date of publication of this notice. Send petitions to: Acting Secretary, Interstate Commerce Commission, Washington, DC 20423.

MC 119176 (Sub-18TA), filed December 13, 1977. Applicant: THE SQUAW TRANSIT CO., P.O. Box 9368, Tulsa, OK 74107. Representative: Clint Oldham, 1108 Continental Life Building, Fort Worth, TX 76102. By order of June 13, 1978, a majority of the Commission, acting on applicant's petition, granted authority to operate as a common carrier, by motor vehicle, over irregular routes, transporting: *Machinery, equipment, materials, and supplies* used in, or in connection with the discovery, development, production, refining, manufacture, processing, storage, transmission, and distribution of natural gas and petroleum and their products and by-products, and *machinery, materials, equipment, and supplies* used in or in connection

with the construction, operation, repair, servicing, maintenance, and dismantling of pipe lines, including the stringing and picking up thereof; *earth drilling machinery and equipment, and machinery, equipment, materials, supplies, and pipe* incidental to, used in, or in connection with (a) the transportation, installation, removal, operation, repair, servicing, maintenance, and dismantling of drilling machinery and equipment, (b) the completion of holes or wells drilled, (c) the production, storage, and transmission of commodities resulting from drilling operations at well or hole sites, and (d) the injection or removal of commodities into or from holes or wells; between points in DE, MD, NJ, NY, RI, and VA on the one hand, and, on the other, points in the United States, including AK, but excluding HI. This grant of authority is broader than that noticed in the FEDERAL REGISTER on January 20, 1978, which showed applicant requested authority to transport these commodities between points in OK, TX, LA, KS, AR, NM, and CO on the one hand, and, on the other, points in ME, NH, VT, CT, RI, MA, NY, NJ, PA, MD, DE, VA, WV, NC, and SC. Send petitions for reconsideration to: The Acting Secretary, Interstate Commerce Commission, Washington, DC 20423 on or before October 18, 1978.

H. G. HOMME, Jr.,
Acting Secretary.

[FR Doc. 78-26193 Filed 9-15-78; 8:45 am]

[7035-01]

[Notice No. 107]

MOTOR CARRIER TRANSFER PROCEEDINGS

SEPTEMBER 18, 1978.

Application filed for temporary authority under section 210a(b) in connection with transfer application under section 212(b) and transfer rules, 49 CFR Part 1132:

MC-FC 77504. By application filed August 30, 1978, COLE FREIGHT CO., 5445 West 137th Place, Crestwood, IL 60445, seeks temporary authority to transfer a portion of the operating rights of FISCHBACH TRUCKING CO., 921 Sherman Street, Akron, OH 44311, under section 210a(b). The transfer to COLE FREIGHT CO., of a portion of the operating rights of FISCHBACH TRUCKING CO., is presently pending.

By the Commission.

H. G. HOMME, Jr.,
Acting Secretary.

[FR Doc. 78-26192 Filed 9-15-78; 8:45 am]

sunshine act meetings

This section of the FEDERAL REGISTER contains notices of meetings published under the "Government in the Sunshine Act" (Pub. L. 94-409), 5 U.S.C. 552b(e)(3).

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[6320-01]

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[M-162, Amdt. 1; Sept. 8, 1978]

CIVIL AERONAUTICS BOARD.

Notice of deletion and addition of item to the September 13, 1978, agenda.

DATE AND TIME: 10 a.m., September 13, 1978.

PLACE: Room 1027, 1825 Connecticut Avenue NW., Washington, D.C. 20428.

SUBJECT:

Delete: 9. Docket 32260, TWA's motion for expedited hearing on St. Louis/Kansas City-Los Angeles-Honolulu authority Docket 32384, Northwest's application for removal of Los Angeles/San Francisco-Honolulu long-haul restriction; Docket 32291, American's application for Los Angeles/San Francisco-Honolulu authority with St. Louis long-haul requirement (Memo 8161, BPDA, ALJ, OGC).

Add: 10a. Docket 30255, Trans-Mediterranean Airways, S.A.L., Foreign Air Carrier Permit, Petition for reconsideration of Order 78-5-67 (granting a renewed and amended permit) requesting deletion of two conditions as inconsistent with the outstanding bilateral agreement (OGC, BIA).

STATUS: OPEN.

PERSON TO CONTACT:

Phyllis T. Kaylor, the Secretary, 202-673-5068.

SUPPLEMENTARY INFORMATION:

Item 9 is being deleted from the September 13, 1978, agenda in order for the staff to have additional time to reconsider its recommendation in the subject memo. The OGC attorney working on item 10a was not informed

that the Board's meeting for the week of September 11 would be on Wednesday September 13, 1978, not Thursday September 14, 1978. The staff work was completed on Thursday September 7 and the public target is September 15, 1978. So that the Board can consider this in a timely fashion the following Members have voted that agency business requires the addition of item 10a to the September 13, 1978, agenda and item 9 be deleted from the agenda and that no earlier announcement of these changes was possible:

For deleting item 9—Chairman, Alfred E. Kahn; Member, Richard J. O'Melia; and Member, Elizabeth E. Bailey.

For adding item 10a—Chairman, Alfred E. Kahn; Member, Richard J. O'Melia (disapproves); and Member, Elizabeth E. Bailey.

All amendments to previously announced agendas are publicly posted at the Board's offices, sent to the Federal Register for publication, and mailed to parties to docketed cases affected by the change. We regret any inconvenience that may be caused by these changes or the delayed receipt of our notices.

[S-1879-78 Filed 9-14-78; 10:22 am]

[6320-01]

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[M-162, Amdt. 2; Sept. 12, 1978]

CIVIL AERONAUTICS BOARD.

Notice of addition of items to the September 13, 1978, agenda.

TIME AND DATE: 10 a.m., September 13, 1978.

PLACE: Room 1027, 1825 Connecticut Avenue NW., Washington, D.C. 20428.

SUBJECT:

10b. Docket 33019, Chicago-Midway Expanded Service Proceeding; Order on reconsideration (Memo 7909-F, OGC).

10c. Docket 32786, Philadelphia-Bermuda Nonstop Proceeding, to consider opinion and order prepared in accordance with the instructions of two Board Members.

STATUS: Open.

PERSON TO CONTACT:

Phyllis T. Kaylor, the Secretary, 202-673-5068.

SUPPLEMENTARY INFORMATION:

Docket 33019, Chicago-Midway Expanded Service Proceeding, is a high-priority case which the Board wants to complete as soon as possible. The pre-

hearing conference is scheduled for September 26, and, because the draft order proposes expansion of the case, the parties must have time to file additional pleadings before the prehearing conference, Docket 32786, Philadelphia-Bermuda Nonstop Proceeding was to be acted upon by notation. However, the Board has reconsidered and determined that, since the instructions were given to the staff by two Members in a non-Sunshine session, the decision will receive no public discussion unless the draft opinion and order are acted upon in open meeting. The item must be considered at the September 13 meeting if the Board is to meet its previously announced target date for decision (September 14, 1978). Accordingly, the following Members have voted that agency business requires the addition of these two items and that no earlier announcement of this change was possible:

For adding item 10b—Chairman, Alfred E. Kahn; Member, Richard J. O'Melia (disapproves); and Member, Elizabeth E. Bailey. For adding item 10c—Chairman, Alfred E. Kahn; Member, Richard J. O'Melia; and Member, Elizabeth E. Bailey.

All amendments to previously announced agendas are publicly posted at the Board's offices, sent to the Federal Register for publication, and mailed to parties to docketed cases affected by the change. We regret any inconvenience that may be caused by these changes or the delayed receipt of our notices.

[S-1880-78 Filed 9-14-78; 10:22 am]

[6320-01]

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[M-162, Amdt. 3; Sept. 12, 1978]

CIVIL AERONAUTICS BOARD.

Notice of deletion of items from the September 13, 1978, agenda.

TIME AND DATE: 10 a.m., September 13, 1978.

PLACE: Room 1027, 1825 Connecticut Avenue NW., Washington, D.C. 20428.

SUBJECT:

5. Docket 26291, Petition for immediate restoration of adequate air service for American Samoa (Memo 7651-C, BPDA, OCCB, BIA, OGC).

11. Docket 27631, *Foremost International Tours v. Qantas Airways*, Enforcement Proceeding, Petitions for review of an initial decision holding that Qantas' inclusive tour

operation was not unlawful (Memo 8131 OGC).

STATUS: Open.

PERSON TO CONTACT:

Phyllis T. Kaylor, the Secretary,
202-673-5068.

SUPPLEMENTARY INFORMATION:

The staff has requested that item 5 be deleted from the September 13, 1978, agenda. The staff expects to receive additional information and needs additional time to incorporate the new information. Item 11 is being deleted from the September 13 agenda because the staff has not been able to complete the additional analysis of the unfair competition issues previously requested by Members of the Board. Accordingly, the following Members have voted that agency business requires the deletion of items 5 and 11 and that no earlier announcement of these deletions was possible:

Chairman, Alfred E. Kahn
Member, Richard J. O'Mella
Member, Elizabeth E. Bailey

All amendments to previously announced agendas are publicly posted at the Board's offices, sent to the Federal Register for publication, and mailed to parties to docketed cases affected by the change. We regret any inconvenience that may be caused by these changes or the delayed receipt of our notices.

[S-1881-78 Filed 9-14-78; 10:22 am]

[6355-01]

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CONSUMER PRODUCT SAFETY COMMISSION.

DATE AND TIME: September 21, 1978; 9:30 a.m.

LOCATION: Third floor hearing room, 1111 18th Street NW., Washington, D.C. 20207.

STATUS: Partly open and partly closed.

MATTERS TO BE CONSIDERED:
(See following copy of agenda.)

CONTACT PERSON FOR ADDITIONAL INFORMATION:

Sheldon D. Butts, Assistant Secretary, Office of the Secretary, Consumer Product Safety Commission, Suite 30, 1111 18th Street NW., Washington, D.C., 20207, 202-634-7700.

Commission meeting, Thursday, September 21, 1978, 9:30 a.m., third floor hearing room, 1111 18th Street NW., Washington, D.C.

AGENDA

A. Open to the public

1. Recommendation to accept corrective action plan: Crosman Arms pellet pistol, ID

77-84. The staff has recommended that the Commission accept the corrective action plan which Crosman has implemented to deal with a possible defect in certain carbon dioxide-powered 98 pistols it manufactures. Crosman has revised the design, and has modified the possibly defective pistols. The staff has also recommended that the Commission close this case, and not pursue a timeliness-of-reporting case.

2. Recommendation to accept corrective action plan: Magnavox Consumer Electronics Co. color television, ID 78-93. The staff has recommended that the Commission accept the corrective action plan which Magnavox has implemented to deal with a possible shock hazard in certain color television it manufactures. Magnavox has notified dealers, who will make the necessary repairs, and has modified its assembly-line procedures. The staff also recommended that the Commission not pursue a timeliness-of-reporting case.

3. Recommendation to accept corrective action plan: Gould, Inc. and Airmaster Fan Co. fan motors, ID 78-23. The staff has recommended that the Commission accept the corrective action plan in this case involving possibly defective insulation in fan motors which Gould manufactures for Airmaster, Gould is notifying customers, and replacing the switch. The staff also recommended that the Commission not pursue a timeliness-of-reporting case.

4. Recommendation to close possible substantial product hazard case: Atrosol Co. engine starting fluid, ID 78-24. Based on its belief that possibly leaking spray cans manufactured in the fall of 1977 no longer expose consumers to a substantial risk of injury, the staff has recommended that the Commission close this case, and not pursue a timeliness-of-reporting case.

5. Recommendation to close possible substantial product hazard case: Williams Furnace Co. gas wall furnace, ID 78-45. Based on its belief that these furnaces do not pose a substantial risk of injury to consumers, the staff has recommended that the Commission close this case, and not pursue a timeliness-of-reporting case.

6. Amendment to toy regulation concerning power cords. The Commission will consider amendments to 16 CFR Part 1605, Requirements for Electrically-Operated Toys or Other Electrically-Operated Articles Intended for Use by Children. The amendments would specify the minimum size of power cords for electrically-operated toys, and would allow the use of several types of cords for educational and hobby-type products. The Commission previously considered this matter by ballot vote, but did not reach a decision.

7. Final amendment to the safety standard for architectural glazing materials: Test equipment and procedures. In October, 1977, the Commission proposed to amend the glazing standard to change the requirements for xenon-arc weathering and also proposed several minor technical amendments to clarify the standard's intent. At this meeting, the Commission will consider the final version of those amendments.

8. Final amendment to the safety standard for architectural glazing materials: Decorative glazing materials. In March 1978, the Commission proposed to amend the glazing standard to enlarge the category of decorative glazing materials exempted from the

standard. At this meeting, the Commission will consider the final version of the proposed amendment.

9. Final rule to exempt certain ink cartridges from labeling requirements. In response to a petition from the Parker Pen Co. (HP 77-4), the Commission, in November 1977 proposed to exempt certain rigid or semi-rigid ink cartridges from labeling requirements of the Federal Hazardous Substances Act. At this meeting, the Commission will consider this proposed exemption. The staff and Commission discussed this matter at the September 13 briefing.

B. Closed to the public

10. Recommendation to close possible substantial product hazard case: Chance Manufacturing Co. "Yo Yo" amusement ride, ID 78-4. The staff has recommended that the Commission close this possible substantial product hazard case, and take other enforcement action.

[S-1884-78 Filed 9-14-78; 3:02 pm]

[6570-06]

5

EQUAL EMPLOYMENT OPPORTUNITY COMMISSION.

"FEDERAL REGISTER" CITATION OF PREVIOUS ANNOUNCEMENT: S-1823 and 1860-78.

PREVIOUSLY ANNOUNCED TIME AND DATE OF MEETING: 9:30 a.m. (eastern time), Wednesday, September 13, 1978.

CHANGE IN THE MEETING: The following item was added to the portion closed to the public: Discussion of Litigation Strategy.

A majority of the entire membership of the Commission determined by recorded vote that the business of the Commission required this change and that no earlier announcement was possible.

In favor of change.—Eleanor Holmes Norton, Chair; Daniel E. Leach, Vice Chair; and Ethel Bent Walsh, Commissioner.

Opposed.—None.

CONTACT PERSON FOR MORE INFORMATION:

Marie D. Wilson, Executive Officer, Executive Secretariat, at 202-634-6748.

This notice issued September 13, 1978.

[S-1883-78 Filed 9-14-78; 3:02 pm]

[6740-02]

6

SEPTEMBER 14, 1978.

FEDERAL ENERGY REGULATORY COMMISSION.

TIME AND DATE: 3 p.m., September 14, 1978.

STATUS: Open.

MATTERS TO BE CONSIDERED: Informational budget briefing to the Commission.

CONTACT PERSON FOR MORE INFORMATION:

Kenneth F. Plumb, Secretary, telephone 202-275-4166.

[S-1887-78 Filed 9-14-78; 3:02 pm]

[6720-02]

7

FEDERAL HOME LOAN MORTGAGE CORPORATION.

TIME AND DATE: 9:30 a.m., September 22, 1978.

PLACE: 1700 G Street NW., sixth floor, Washington, D.C.

STATUS: Open.

CONTACT PERSON FOR MORE INFORMATION:

Mr. Henry Judy, 202-789-4734.

MATTERS TO BE CONSIDERED: Consideration of report on multifamily loans.

No. 184, September 14, 1978.

RONALD A. SNIDER,
Assistant Secretary.

[S-1888-78 Filed 9-14-78; 3:45 pm]

[6730-01]

8

FEDERAL MARITIME COMMISSION.

TIME AND DATE: 9 a.m., September 15, 1978.

PLACE: Room 12126, 1100 L Street NW., Washington, D.C. 20573.

STATUS: Open.

MATTER TO BE CONSIDERED: 1. Conditions unfavorable to shipping in the United States/Ecuador trade—Section 19, Merchant Marine Act, 1920.

CONTACT PERSON FOR MORE INFORMATION:

Joseph C. Polking, Assistant Secretary, 202-523-5725.

[S-1882-78 Filed 9-14-78; 10:22 am]

[6750-01]

9

FEDERAL TRADE COMMISSION.

"FEDERAL REGISTER" CITATION OF PREVIOUS ANNOUNCEMENT: 43 FR 38991, August 31, 1978.

PREVIOUSLY ANNOUNCED TIME AND DATE OF THE MEETING: 10 a.m., Wednesday, September 13, 1978.

CHANGES IN THE AGENDA: The Federal Trade Commission has deleted an item from the agenda of its previously announced open meeting of September 13, 1978:

(1) Consideration of Proposed Rule and Staff Report on Standards and Certifications.

[S-1864-78 Filed 9-13-78; 10:29 am]

[6750-01]

10

FEDERAL TRADE COMMISSION.

"FEDERAL REGISTER" CITATION OF PREVIOUS ANNOUNCEMENT: 43 FR 38991, August 31, 1978.

PREVIOUSLY ANNOUNCED TIME AND DATE OF THE MEETING: 10 a.m., Wednesday, September 13, 1978.

CHANGES IN THE AGENDA: The Federal Trade Commission has added an item to the agenda of its previously announced open meeting of September 13, 1978:

(4) Request of Business and Institutional Furniture Manufacturers Association for an Advisory Opinion on the Use of a Mathematical Model to Forecast Industry-wide Furniture Shipment.

[S-1865-78 Filed 9-13-78; 10:29 am]

[7035-01]

11

INTERSTATE COMMERCE COMMISSION.

TIME AND DATE: 2 p.m., Tuesday, September 19, 1978.

PLACE: Room 4225, Interstate Commerce Commission Building, 12th and Constitution Avenue NW., Washington, D.C. 20423.

STATUS: Closed Special Conference (in lieu of Open Special Conference previously scheduled).

A majority of the Commission (Commissioner Clapp was absent and did not participate) voted to close this conference because it is likely to disclose information which if written would be contained in investigatory records compiled for law enforcement purposes, the production of which would interfere with enforcement proceedings, deprive a person of a right to a fair trial, and disclose investigative techniques and procedures, within the meaning of 5 U.S.C. 552(c)(7) (A), (B), and (E). The General Counsel has issued his certificate accordingly.

In addition to the Commission, the following will be in attendance:

Managing Director's Office.—Pierce Quinlan, William Redmond, Esther Friedman, John Kratzke, and Richard Moores.

Commissioners' Offices.—John O'Brien, Richard Felder, Lucille Streeter, Lawrence Richmond, George Green, Daniel King, and Owen Katzman.

Bureau of Investigations and Enforcement.—Peter Shannon, Lewis Teeple, John Moseman, Clarence Jackson, Stanley Braverman, Joseph Teichert, Robert Gorin, and Raymond Mauk.

Bureau of Operations.—Joel Burns, Robert Turkington, Richard Shullaw, John Michael, and William Sibbald.

Bureau of Accounts.—James Thomas, Ronald Young, and Richard Berman.

Rail Services Planning Office.—Alan Fitzwater.

Office of Communications.—Douglas Baldwin and Emily Stover.

MATTERS TO BE CONSIDERED: Review of compliance program; Report on current investigations and prosecutions, including relationship of headquarters and field.

CONTACT:

Office of Communications, telephone 202-275-7252.

[S-1889-78 Filed 9-14-78; 3:55 pm]

[8010-01]

12

SECURITIES AND EXCHANGE COMMISSION.

"FEDERAL REGISTER" CITATION OF PREVIOUS ANNOUNCEMENT: 43 FR 40351, September 6, 1978.

STATUS: Open meeting and closed meeting.

PLACE: Room 825, 500 North Capitol Street, Washington, D.C.

DATE PREVIOUSLY ANNOUNCED: Thursday, September 14, 1978.

CHANGES IN THE MEETING: The following additional item will be considered at an open meeting on Thursday, September 14, 1978, at 10 a.m.:

Consideration of whether or not the Commission should extend the period for receipt of public comments on rules relating to shareholder communications, shareholder participation in the corporate electoral process and corporate governance generally, announced in Securities Exchange Act Release No. 14970. For further information, please contact Barbara Leventhal at 202-755-1750.

The following additional items will be considered at a closed meeting, immediately following the 10 a.m. open meeting, on Thursday, September 14, 1978:

Regulatory matter bearing enforcement implications.

Settlement of injunctive action.

The General Counsel of the Commission, or his designee, has certified that, in his opinion, the items to be considered at the closed meeting may be considered pursuant to one or more of the exemptions set forth in 5 U.S.C. 552(b)(4), (8), (9)(A), and (10) 17 CFR 200.402(a) (8), (9)(i), and (10).

Chairman Williams and Commissioners Loomis, Evans, Pollack, and Karmel determined that Commission business required consideration of these matters and that no earlier notice thereof was possible.

SEPTEMBER 14, 1978.

[S-1885-78 Filed 9-14-78; 3:02 pm]

Registered
Federal

MONDAY, SEPTEMBER 18, 1978

PART II



**ENVIRONMENTAL
PROTECTION
AGENCY**



**CONTROL OF AIR
POLLUTION FROM NEW
MOTOR VEHICLES AND
NEW MOTOR VEHICLE
ENGINES**

**Federal Certification Test Results
for 1978 Model Year**

[6560-01]

ENVIRONMENTAL PROTECTION AGENCY

[FRL 968-4]

CONTROL OF AIR POLLUTION FROM NEW MOTOR VEHICLES AND NEW MOTOR VEHICLE ENGINES

Federal Certification Test Results for 1978 Model Year

Section 206(e) of the Clean Air Act, as amended August 1977 (42 U.S.C. 7525), directs the Administrator of the Environmental Protection Agency to announce in the FEDERAL REGISTER the results of certification tests conducted on new motor vehicles and new motor vehicle engines to determine conformity with Federal standards for the control of air pollution caused by motor vehicles.

FEDERAL EMISSION STANDARDS

The regulations that apply to the control of emissions from 1978 model year vehicles, appearing at 40 CFR Part 86, set maximum allowable emission levels for new gasoline-fueled and diesel heavy-duty engines (for use in on-highway trucks and buses), motorcycles, gasoline-fueled and diesel light-duty vehicles (passenger cars), and gasoline-fueled and diesel light-duty trucks.

Heavy-duty engines are required to meet emission standards of 16 grams per brake-horsepower hour (g/bhp-hr) for hydrocarbons (unburned gasoline) plus oxides of nitrogen (measured as NO_x) and 40 g/bhp-hr for carbon monoxide (a poisonous gas). In addition, diesel heavy-duty engines must meet Federal smoke emission standards of 20 percent opacity during acceleration, 15 percent opacity during lugging, and 50 percent opacity during the peaks in either the acceleration or lugging mode. The opacity standards limit the darkness of the exhaust smoke to a light gray haze.

Motorcycles with engine displacements of 50 to 169 cc (class I) are required to meet a hydrocarbon emissions standard of 5 grams per kilometer (5 g/km or 8 g/mi); those with engine displacements of 170 to 750 cc (class II) must meet a standard which falls between 5 and 14 g/km (8 and 22.5 g/mi), the exact level value varying directly with engine displacement; those with engines displacements above 750cc (class III) are required to meet a standard of 14 g/km (22.5 g/mi), the carbon monoxide standard is 17 g/km (27.4 g/mi) for all motorcycles. There is no motorcycle standard for oxides of nitrogen.

Federal exhaust emission standards allow 1978 model year gasoline-fueled and diesel light-duty vehicles to emit no more than 1.5 grams per mile (g/

mi) of hydrocarbons, 15 g/mi of carbon monoxide, and 2.0 g/mi of oxides of nitrogen from the tailpipe. Light-duty trucks (less than 6,000 pounds gross vehicle weight) are allowed to emit no more than 2.0 g/mi of hydrocarbons, 20 g/mi of carbon monoxide, and 3.1 g/mi of oxides of nitrogen. The standards for gasoline-fueled vehicles prohibit all crankcase emissions and limit the loss of gasoline by evaporation from the carburetor and fuel tank to no more than 6.0 grams per test.

Prior to the enactment of the August 1977 Clean Air Act Amendments, light-duty vehicles and light-duty trucks intended for sale at altitudes above 4,000 feet were required to demonstrate compliance with emission standards when operated at elevated altitudes. Certain vehicles were consequently tested at high altitude (one test required per engine family). Because the Clean Air Act Amendments now permit all certified light-duty vehicles to be sold at either low or high altitudes, it is no longer possible (or appropriate) to distinguish carlines certified for sale above 4,000 feet. Since the bulk of high-altitude testing was completed prior to the amendments' passage, however, the attached light-duty vehicle and truck report designates those vehicles tested at altitudes above 4,000 feet with an asterisk (*) preceding the model name.

The State of California exhaust emission standards (established under a waiver granted under section 209 of the Clean Air Act) allow 1978 model year gasoline-fueled light-duty vehicles to emit no more than 0.41 g/mi of hydrocarbons, 9 g/mi of carbon monoxide, and 1.5 g/mi of oxides. Gasoline-fueled light-duty trucks must emit no more than 0.9 g/mi of hydrocarbons, 17 g/mi of carbon monoxide, and 2.0 g/mi of oxides of nitrogen. The EPA does not require that a vehicle meet the stricter California standards in order to obtain Federal certification. The test vehicles and carlines that are designed to meet the California standards are identified in the light-duty listing below by a "C" preceding the model name.

FEDERAL CERTIFICATION PROCEDURES

Under the provisions of the Clean Air Act, it is unlawful to offer for sale new motor vehicles or engines which are not in conformity with Federal regulations. Prior to the beginning of each model year, automobile, motorcycle, and heavy-duty engine manufacturers apply to the Administrator of the Environmental Protection Agency for a certificate of conformity for each model they wish to produce for that model year. The Federal regulations prescribe a number of requirements which a manufacturer must meet

before the Administrator will grant a certificate of conformity.

Prior to production, light-duty vehicle manufacturers are required to provide the Administrator with extensive test data demonstrating the effectiveness and durability of the emission control systems over the useful life of the vehicles (50,000 miles). The data are collected from prototype test vehicles that are selected and tested in accordance with EPA regulations. In addition to the submission of test data on prototype test vehicles, the manufacturers are required to deliver certain test vehicles to the Motor Vehicle Emissions Laboratory at Ann Arbor, Mich. At this facility, the vehicles are retested to assure conformity with the regulations.

The process of selecting vehicles for testing reflects EPA's prior classification of a manufacturer's product line into "engine families"—groups of engines expected to have similar emission characteristics throughout their useful life—and "evaporative emission families"—groups of vehicles which are expected to have similar evaporative emission characteristics throughout their useful life. Vehicles associated with each engine family are divided into two separate fleets. The emission-data fleet vehicles are tested after the accumulation of 4,000 miles. The purpose of the emission-data fleet is to determine the stabilized exhaust emission levels of new motor vehicles. The second fleet, known as the durability-data fleet, is made up of prototype vehicles which are driven for 50,000 miles and tested every 5,000 miles. The durability-data fleet is tested in order to establish "deterioration factors" which are adjustments that account for the decrease in an exhaust emission control system's efficacy over its expected useful life. (Evaporative emission families are also represented by emission-data fleets, but not by durability-data fleets; evaporative emission deterioration factors may instead be derived from a variety of procedures, including bench testing or multiple-vehicle comparison, as well as testing a single vehicle which has run for 50,000 miles.)

Once test data results are obtained from the emission-data vehicles, the emission levels are adjusted by the deterioration factors, in accordance with the procedures specified in the regulations, to determine whether the emission-data vehicle would be in compliance with emission standards over the expected useful life of the vehicle. If all the motor vehicles in an engine family/evaporative emission family combination so tested are found to conform with the regulations, the manufacturer is granted a certificate of conformity.

The Federal emission test procedure for light-duty vehicles and light-duty trucks is designed to simulate two average trips of 7.5 miles in an urban area. The vehicle is operated on a chassis dynamometer through a specified driving schedule. The first trip begins with a cold engine startup, and the second trip begins with a hot engine startup. There is a 10-minute interval between trips. The cold operation trip is weighted 43 percent and the hot operation trip 57 percent to reflect the fact that two of the 4.6 trips made by the average vehicle each day are begun from a cold start. Throughout these tests all emissions through the exhaust pipe are collected and the levels of hydrocarbons, carbon monoxide, and oxides of nitrogen are measured. A vehicle tested for evaporative emissions is placed in a sealed chamber for 1 hour prior to the cold engine startup and 1 hour immediately after the hot engine operation trip. During these periods hydrocarbon emissions attributable to gasoline evaporation are collected and measured.

The motorcycle testing procedure resembles the light-duty vehicle method in that the emissions test is designed to simulate a typical urban trip involving both a hot and cold engine startup, but a single certification vehicle is used to provide both durability and emission data. Each motorcycle is tested at least four times to obtain data for calculation of a deterioration factor: Once at a designated minimum distance (2,500 or 3,500 kilometers, depending on displacement class), once before and once following periodic maintenance, and once at the total test distance (6,000, 9,000, or 15,000 kilometers, depending on displacement class) estimated to represent half the useful life of the vehicle class. The same certification vehicle is then tested again to generate the emission-data results to which the deterioration factor is applied to obtain certification levels. Motorcycles are not tested for evaporative emissions.

The heavy-duty engine testing procedure, like the light-duty vehicle procedure, groups test engines into durability- and emission-data fleets. Instead of simulating a driving cycle, however, the heavy-duty exhaust test measures emissions collected at various engine loadings at two or three constant engine speeds (for gasoline-fueled engines, idle and 2,000 revolutions per minute; for diesel engines, idle, the speed setting corresponding to maximum horsepower, and the speed setting corresponding to maximum torque or 60 percent of the maximum horsepower setting, whichever is higher). Emission-data heavy-duty engines accumulate 125 hours of service on an engine dynamometer before the emission test, and durability gasoline-

fueled heavy-duty engines and durability diesel heavy-duty engines accumulate 1,500 and 1,000 hours of service, respectively. Heavy-duty engines are not tested for evaporative emissions.

FEDERAL CERTIFICATION DATA

Listed below are the emission levels of each heavy-duty engine, motorcycle, light-duty vehicle, and light-duty truck which was tested as an emission-data vehicle or engine, as adjusted by the deterioration factors discussed above.

The vehicles and engines listed represent all of the models and configurations certified as of August 1, 1978.

The emission data listed below were obtained from the original emission-data vehicles and engines. In some cases, manufacturers have submitted requests to perform "running changes" on already certified configurations. EPA has authorized manufacturers to make such running changes if a review of the test data and technological information has shown that the proposed modifications do not cause the vehicles or engines to exceed the standards. The data listed below do not indicate the effect of running changes, except where a running change has added a new engine or carline to a previously certified family.

Fuel economy information is not included in this publication. Fuel economy information of 1978 cars and light trucks is available by writing for the EPA/Department of Energy "1978 Gas Mileage Guide" at: Fuel Economy, Pueblo, Colo. 81009. The "1978 Gas Mileage Guide" is also available at new-car dealer showrooms.

The various systems that comprise the test vehicles' exhaust emission control systems are listed individually. The following abbreviations will be used in the subsequent sections of this report:

Exhaust emission control systems:

AIR=air injection.
EGR=exhaust gas recirculation.
EM=engine modification.
FI=fuel injection.
OC=oxidation catalyst.
RC=reduction catalyst.
SPL=smoke puff limiter.
TR=thermal reactor.
TWC=three-way catalyst.
OTR=other.

Evaporative emission control systems:

CAN=carbon canister storage.
CRK=crankcase storage.
NON=none.

Methods of engine air aspiration (heavy-duty diesel engines):

A=aftercooled.
N=natural.
T=turbocharged.

The following heavy-duty and motorcycle reports are arranged alpha-

betically by manufacturer. The formats of these reports are self-explanatory and require no further comment.

The following light-duty vehicle and truck report is divided into four main sections: Light-duty vehicles, light-duty trucks, diesel light-duty vehicles, and diesel light-duty trucks. Each of the sections is subdivided alphabetically by manufacturer, with each manufacturer's data in turn categorized under "family combinations certified" and "evap-emissions families." The "family combinations certified" section identifies, in the leftmost column of the report, the name of the exhaust emission family/evaporative emission family combination to which EPA issues a certificate, the displacement (measured in cubic inches) of all engines within the combination, and the names of all carlines covered (and certified) by that particular exhaust emission/evaporative emission family combination. (Note that the listing of carlines covered is arranged vertically.) All data arrayed to the left of the "carlines covered" column—i.e., the "vehicle carline represented," "emission control system," etc.—is arranged horizontally, with each line of data describing one of the emission-data vehicles selected and tested by EPA to determine the emission levels achieved by the exhaust emission family portion of the combination. Vehicles which were tested to determine compliance for both the exhaust emission and the evaporative emission components of the combination are marked with an asterisk (*). (A complete listing of all test vehicles belonging to each evaporative emission family is provided in the "evap-emission family" section described below.) Directly beneath this array of exhaust emission data are printed the deterioration factors achieved by both the exhaust emission and evaporative emission family components of the combination. This listing of combination name, carlines covered by the certificate, exhaust emission-data vehicle results, and the combination's deterioration factors will be repeated for as many combinations as the manufacturer has certified.

After the "family combinations certified" section the manufacturer's "evap-emission families" are described in detail. The report prints the name of each evaporative emission family in the "exh-emiss family/evap-emiss fam" column and then describes, for each evaporative emission family, the evaporative emission-data vehicles whose test results have supported certification. Data on the vehicles within each evaporative emission family are arranged horizontally, with each line of the report corresponding to a distinct vehicle configuration.

NOTICES

This publication should not be construed as an endorsement by the Environmental Protection Agency of any manufacturer's vehicles or engines.

Dated: August 31, 1978.

DAVID G. HAWKINS,
*Assistant Administrator, Office
of Air, Noise and Radiation.*

JUN 13, 1978 PAGE 1

1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:			TEST ENGINE INFORMATION:			CERTIFICATION LEVELS					
							EXHAUST EMISSIONS			SMOKE EMISSIONS		
	FAMILY DESIGNATION (MODELS COVERED)	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.)	RATED TORQUE H.P. (LDF FT)	HYDROCARBONS + OXIDES OF NITROGEN (GM/BHP-HR)	CARBON MONOXIDE (GM/BHP-HR)	ACCEL	LUC	PEAK		
	[C/D'S]	ASPIRATION						(%)	(%)	(%)		
CATERPILLAR	10 [3406] [893]	16A	SPL	893	375 1145	0.69 6	0.00 1	0.96 18	0.86 4	0.00 26		
	11 [3406] [893]	1	SPL	893	325 1015	0.46 10	0.00 3	0.00 12	0.82 10	0.45 17		
	12 [3408] [1099]	16A	SPL	1099	450 1350	0.04 6	0.19 1	1.31 19	0.00 6	0.00 26		
	13 [3208] [636]	N	ETR	636	200 490	0.00 5	0.98 6	1.06 8	0.22 8	4.00 18		
	14 [3406] [638]	16A	SPL	638	245 820	0.00 5	0.00 2	2.71 16	2.70 10	3.04 28		
	15 [3408] [1099]	1	SPL	1099	400 1225	0.00 9	0.12 3	0.30 14	0.57 9	0.04 18		
	16 [3406] [893]	16A	SPL	893	350 1165	0.10 9	0.05 2	1.13 17	2.26 11	1.68 20		
3	[3208] [636]	N	NONE	636	210 485	0.18 9	0.16 5	0.00 7	0.00 5	1.33 19		

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1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:			TEST ENGINE INFORMATION:			CERTIFICATION LEVELS				
	FAMILY DESIGNATION (MODELS COVERED)			TEST ENGINE MODEL			EXHAUST EMISSIONS		SMOKE EMISSIONS		
	ENGINE AIR INTAKE	ENGINE DISPL.	MAXIMUM RATED TORQUE (CO. IN.)	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CO. IN.)	MAXIMUM RATED TORQUE (CO. IN.)	HYDROCARBONS & OXIDES OF NITROGEN (GPM/BHP-HR)	CARBON MONOXIDE (GPM/BHP-HR)	ACCEL	LUG	PEAK
CATERSPIRAN	[C10'S] ASPIRATION	N	3208	NONE	636	210	0.18	0.16	0.00	0.00	1.13
CUMMINS	[C10'S] ASPIRATION	T	3106	SPL	638	250	0.08	0.00	0.00	0.21	0.00
CUMMINS	[C10'S] ASPIRATION	T	3406	SPL	893	325	0.92	0.00	1.34	0.00	0.04
CUMMINS	[C10'S] ASPIRATION	N	CP10026	NONE	855	220	0.97	0.00	0.00	0.00	0.00
CUMMINS	[C10'S] ASPIRATION	T	CP10115	SPL	855	365	0.00	0.00	0.00	0.00	0.00
CUMMINS	[C10'S] ASPIRATION	T	CP10122	SPL	855	290	0.00	0.24	1.22	1.55	0.00
CUMMINS	[C10'S] ASPIRATION	T	CP10249	SPL	855	290	0.95	0.16	0.00	0.24	0.00

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1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:			TEST ENGINE INFORMATION:			CERTIFICATION LEVELS					
	FAMILY INFORMATION:			TEST ENGINE INFORMATION:			EXHAUST EMISSIONS			SMOKE EMISSIONS		
	FAMILY DESIGNATION [MODELS COVERED]	TEST ENGINE PCDEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU IN.)	RATED TORQUE H.P. (LBP FT)	MAXIMUM TORQUE (LBP FT)	HYDROCARBONS & OXIDES OF NITROGEN (GM/DHP-HR)			ACCEL LUG PEAK (%) (%) (%)		
	[CID'S]	ASPIRATION										
CUMMINS												
193	[CPL0184; CPL0247; CPL0302; CPL0314] [1150] TCA						1.02	0.00	0.00	0.00	0.00	0.00
			SPL	1150	600	1650	10	2	12	1	18	
201	[CPL5004] [178]											
			NONE	378	149	289	2.03	2.32	0.00	0.00	0.00	
							11	11	12	10	17	
211	[CPL5003] [504]											
			NONE	504	202	387	0.77	0.00	0.00	0.00	0.00	
			NONE	504	202	387	11	7	10	6	19	
							12	8	9	7	13	
221	[CPL5005] [555]											
			NONE	555	216	425	0.00	0.43	3.12	3.65	3.39	
			NONE	555	216	425	9	5	12	14	17	
							10	5	10	11	13	
222	[CPL5012; CPL5019] [555]											
			NONE	555	240	445	1.96	0.00	0.00	0.00	0.00	
			NONE	555	220	415	9	2	15	7	18	
							10	3	9	3	14	
DATLER-BENZ												
311	[OM 314] [231]											
			NONE	231	80	169	1.49	0.68	0.53	1.17	1.28	
							9	5	4	6	6	
311	[OM 352] [146]											
			NONE	346	80	194	0.00	2.20	1.00	1.80	1.70	
			NONE	346	120	245	8	8	5	6	7	
			NONE	346	170	245	6	6	4	7	7	
							11	7	4	5	6	

1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:			TEST ENGINE INFORMATION:			CERTIFICATION LEVELS				
	FAMILY DESIGNATION (MODELS COVERED)			TEST ENGINE			EXHAUST EMISSIONS		SHORE EMISSIONS		
	(CID'S)	ENGINE AIR ASPIRATION	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.)	MAXIMUM RATED TORQUE H.P. (LOP FT)	HYDROCARBONS + OXIDES OF NITROGEN (GM/BHP-HR)	CARBON MONOXIDE (GM/BHP-HR)	ACCEL	LUG	PEAK (%)
DAIFER-LENZ	IV [OM 352 A] [346]			1							
			OM 352 A	SPL	346	145 306	0.36	0.00	0.00	0.00	0.00
			CM 352 A	SPL	346	145 306	11	3	14	7	25
			CM 355/5 [OM 355/5] [509]				12	3	13	6	23
	M										
			OM 355/5	NONE	509	180 431	0.00	0.61	0.01	0.00	0.00
			CM 402 [OM 402] [779]				9	6	8	10	11
			CM 403 [OM 403] [974]								
DEUTZ	M										
			OM 402	NONE	779	240 594	0.27	0.28	0.11	1.29	0.00
			OM 402	NONE	779	260 610	8	3	6	6	9
			OM 403	NONE	974	325 748	8	4	9	8	14
	N										
			OM 403	NONE	974	300 732	0.51	0.22	2.05	0.90	4.15
			CM 403	NONE	974	325 748	9	3	9	5	15
			OM 403	NONE	974	325 748	8	4	13	11	18
GENERAL MOTORS	M										
			F5L 912 [F5L 912] [288]				0.50	0.40	0.00	0.30	0.00
			F5L 912	EM	288	79 181	10	5	3	4	5
			F5L 912	EM	288	100 214	9	5	6	8	9
12V-71N	M										
			12V-71N	NONE	852	456 1200	0.00	0.43	3.69	0.00	7.81
			12V-71N				11	9	11	6	36
			12V-71N								
4L-51N	M										
			4L-51N	SPE	212	117 270	1.76	0.71	4.50	1.01	10.54
			4L-51N				11	12	15	11	34
			4L-51N								

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1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:				TEST ENGINE INFORMATION:				CERTIFICATION LEVELS						
	FAMILY DESIGNATION [MODELS COVERED]				TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.)	RATED TORQUE H. P. (LBF FT)	MAXIMUM TORQUE (LBF FT)	EXHAUST EMISSIONS			SMOKE EMISSIONS		
	[CID'S] ASPIRATION									HYDROCARBONS & OXIDES OF NITROGEN (GR/BHP-HR)	CARBON MONOXIDE (GR/BHP-HR)	ACCEL (%)	LUG (%)	PEAK (%)	
GENERAL MOTORS															
4L-53N [4L-53N] [212]	N				4L-53N	SPL				(DETERIORATION FACTORS: 212 136 282	1.76 14	0.71 11	4.50 10	1.01 8	19.54 24
4L-53T [4L-53T] [212]	T				4L-53T 4L-53T	SPL SPL				(DETERIORATION FACTORS: 212 155 379 212 170 402	0.00 8 8	2.10 5 5	2.62 12 12	2.56 6 6	0.11 18 18
6L-71N [6L-71N] [426]	N				6L-71N 6L-71N	NONE NONE				(DETERIORATION FACTORS: 426 179 550 426 250 610	1.44 12 12	0.00 4 14	0.00 3 19	0.00 1 15	0.00 6 30
6L-71T [6L-71T] [426]	T				6L-71T 6L-71T-CP	SPL SPL				(DETERIORATION FACTORS: 426 221 645 426 220 772	0.93 12 11	0.00 2 3	0.36 2 10	0.00 0 3	1.87 5 18
6V-53N [6V-53N] [118]	N				6V-53N 6V-53N	SPL SPL				(DETERIORATION FACTORS: 318 210 440 318 210 440	2.64 14 14	0.00 7 9	0.00 13 7	0.00 5 6	3.02 32 17
6V-71N [6V-71N] [426]	N				6V-71N 6V-71N 6V-71N	NONE NONE NONE				(DETERIORATION FACTORS: 426 167 510 426 250 610 426 250 610	0.12 11 12 14	0.37 5 11 13	1.22 5 19 15	1.62 3 11 9	7.45 10 17 28
6V-71N COACH [6V-71N COACH] [426]	N				6V-71N COACH	SPL				(DETERIORATION FACTORS: 426 183 510	0.10 11	0.00 4	0.00 2	0.00 2	0.00 2

1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:										TEST ENGINE INFORMATION:										CERTIFICATION LEVELS																												
	FAMILY DESIGNATION										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:																		
	[MODELS COVERED]										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:																		
	[CID'S] ASPIRATION										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:																		
GENERAL NOTES										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:										TEST ENGINE INFORMATION:									
6V-92										6V-92										6V-92										6V-92										6V-92									
[6V-92]										[6V-92]										[6V-92]										[6V-92]										[6V-92]									
[552]										[552]										[552]										[552]										[552]									
6V-92T										6V-92T										6V-92T										6V-92T										6V-92T									
[6V-92T]										[6V-92T]										[6V-92T]										[6V-92T]										[6V-92T]									
[552]										[552]										[552]										[552]										[552]									
6V-92TA										6V-92TA										6V-92TA										6V-92TA										6V-92TA									
[6V-92TA]										[6V-92TA]										[6V-92TA]										[6V-92TA]										[6V-92TA]									
[552]										[552]										[552]										[552]										[552]									
8V-71N										8V-71N										8V-71N										8V-71N										8V-71N									
[8V-71N]										[8V-71N]										[8V-71N]										[8V-71N]										[8V-71N]									
[568]										[568]										[568]										[568]										[568]									
8V-71N COACH										8V-71N COACH										8V-71N COACH										8V-71N COACH										8V-71N COACH									
[8V-71N COACH]										[8V-71N COACH]										[8V-71N COACH]										[8V-71N COACH]										[8V-71N COACH]									
[568]										[568]										[568]										[568]										[568]									
8V-71T										8V-71T										8V-71T										8V-71T										8V-71T									
[8V-71T]										[8V-71T]										[8V-71T]										[8V-71T]										[8V-71T]									
[568]										[568]										[568]										[568]										[568]									
8V-71TA										8V-71TA										8V-71TA										8V-71TA										8V-71TA									
[8V-71TA]										[8V-71TA]										[8V-71TA]										[8V-71TA]										[8V-71TA]									
[568]										[568]										[568]										[568]										[568]									

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1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	TEST ENGINE INFORMATION:				CERTIFICATION LEVELS					
	FAMILY INFORMATION:		TEST ENGINE INFORMATION:		EXHAUST EMISSIONS			SMOKE EMISSIONS		
	FAMILY DESIGNATION [MODELS COVERED]	ENGINE AIR ASPIRATION	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU-IN.)	RATED TORQUE H.P. (LBF FT)	MAXIMUM TORQUE (LBF FT)	HYDROCARBONS & OXIDES OF NITROGEN (GM/BHP-HR)	CARBON MONOXIDE (GM/BHP-HR)	ACCEL LUG PEAK (%) (%) (%)
GENERAL MOTORS										
EV-92 [EV-92] [736]	N		EV-92	NONE	736	300	1025	0.23	0.00	2.85 1.99 3.36
							14	7	11 8 17	
EV-92T [EV-92T] [736]	1		EV-92T	SPL	736	430	1186	1.08	0.35	0.80 0.64 9.58
			EV-92T CP	SPL	736	365	1223	12	4	12 3 31
EV-92TA [EV-92TA] [736]	1EA		EV-92TA	SPL	736	440	1230	0.89	0.39	0.40 0.00 0.88
			EV-92TA	SPL	736	400	1152	11	2	14 2 33
INTERNATIONAL HARVESTER										
EI-466 [180 BHP; 190 BHP; 210 BHP; 215 BHP; 220 BHP] [466]	1		215 BHP	SPL	466	215	515	0.00	0.71	4.65 2.06 6.69
			215 BHP	SPL	466	215	515	11	3	18 10 31
EI-466P [210 BHP; 215 BHP] [466]	1EA		215 BHP	SPL	466	215	515	0.00	0.00	0.00 0.00 0.00
							10	2	12 6 16	
EV-550 [0-150; 0-170; 0-190] [505]	N		190 BHP "A"	NONE	509	190	360	0.49	0.00	2.44 1.37 4.79
							9	5	13 15 19	
V-800 [240 BHP; 285 BHP; 300 BHP; 350 BHP] [798]	1		350 BHP "A"	SPL	798	350	820	0.41	0.00	0.00 0.00 0.00
							12	5	15 8 31	

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1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:			TEST ENGINE INFORMATION:			CERTIFICATION LEVELS				
	FAMILY DESIGNATION (MODELS COVERED)			TEST ENGINE INFORMATION:			CERTIFICATION LEVELS				
	ENGINE AIR [C10'S] ASPIRATION	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.) H.P. (LBS FT)	MAXIMUM RATED TORQUE	HYDROCARBONS + OXIDES OF NITROGEN (G/HHP-HR) (G/HHP-HR)	EXHAUST EMISSIONS	SMOKE EMISSIONS			
ISUZU											
4EP1 [4081] [219]	N	4081A	EM	219	80 153	(DETERIORATION FACTORS: 0.00	0.00	3.26	3.29	4.62)	
							5	8	9	11	
6EB1 [68B1] [329]	N	6DE1 A	EM	329	120 224	(DETERIORATION FACTORS: 0.00	0.04	0.97	0.00	0.00)	
							11	7	7	7	
IVECO-PIAT											
V18300 [8360.05.670] [494]	N	8360.05.670	EM	494	160 376	(DETERIORATION FACTORS: 1.94	0.00	0.00	0.00	0.00)	
							12	8	11	11	
MAN											
IVECO-UMIC 8220 [8220.02.842; 8220.20.841] [584]	N	8220.02.842	NONE	584	200 470	(DETERIORATION FACTORS: 0.00	0.75	2.10	3.06	2.91)	
							13	6	10	10	
PACK 1 [ERUG73E] [672]	N	EN1673E EN1673F	NONE NONE	672 672	180 540 180 540	(DETERIORATION FACTORS: 1.31	0.87	0.00	0.16	0.00)	
							13	7	10	14	
MAN 3A [ENDTG73; ENDTG73C; ENDTG73C; ENDTG73C 2100 DEBATE] [672]	1	ENDTG73C ENDTG73C	NONE NONE	672 672	250 700 240 721	(DETERIORATION FACTORS: 0.00	0.18	0.13	0.09	0.00)	
							11	4	14	21	
MAN 4B [ENDTG75; ENDTG75 1800 DEBATE; ENDTG75 1900 DEBATE] [672]	1	ENDTG75 ENDTG75	NONE NONE	672 672	250 700 240 721	(DETERIORATION FACTORS: 0.21	0.00	0.00	0.00	3.59)	
							14	1	17	10	34

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1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	TEST ENGINE INFORMATION:				CERTIFICATION LEVELS				
	FAMILY INFORMATION:				EXHAUST EMISSIONS		SMOKE EMISSIONS		
	FAMILY DESIGNATION (MODELS COVERED)	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.) H.P. (LOF. FT)	MAXIMUM RATED TORQUE (LB. FT)	HYDROCARBONS + OXIDES OF NITROGEN (GM/BHP-HR)	CARBON MONOXIDE (GM/BHP-HR)	ACCEL. LUG. PEAK (%)	PEAK (%)
MACK	(CID'S) ASPIRATION								
MACK									
MACK									
MACK									
MACK									
MITSUBISHI									

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1978 MODEL YEAR HEAVY-DUTY DIESEL ENGINES

MANUFACTURER	FAMILY INFORMATION:			TEST ENGINE INFORMATION:			CERTIFICATION LEVELS				
	FAMILY DESIGNATION (MODELS COVERED)			TEST ENGINE MODEL			EXHAUST EMISSIONS		SMOKE EMISSIONS		
	(C10'S)	ASPIRATION	ENGINE AIF	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.)	RATED TORQUE (LBF. FT.)	HYDROCARBONS (GM/HRP-HR)	* OILS OF CARBON MONOXIDE (GM/HRP-HR)	ACCEL. LUG. PEAK (1)	(1)	(1)
NISSAN	SEJ31										
	(SDJ3)										
SAAB-SCANIA											
SCANIA SIE											
VOLVO											
WHITE											

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1978 MODEL YEAR HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER	CERTIFICATION LEVELS									
	FAMILY INFORMATION:		TEST ENGINE INFORMATION:				EXHAUST EMISSIONS (CM/BHP-HR)		HYDROCARBONS (OXIDES OF NITROGEN CARBON MONOXIDE)	
			TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU-IN.)	CARB VENTURIS H.P. (LDP FI)	RATED TORQUE	MAXIMUM		
AMERICAN MOTORS	I-HD (6-258) (258)	III-HD (360-2V; 360-4V; 401-4V) (360; 401)	25E-2V	EGR	250	2V	(DETERIORATION FACTORS: 0.00 120 200	0.00 16	4.06 31 26 31	
			360-2V	EGR+AIR	360	2V	(DETERIORATION FACTORS: 0.00 140 251	12 11 8		
			360-4V 401-4V	EGR+AIR EGR+AIR	360 401	4V 4V	177 279 205 320			
CHRYSLER	IA (400-1) (400)	400-1	EM	400	400	2V	(DETERIORATION FACTORS: 1.46 165 290	0.83 22	3.30 27 29	
			318-1 318-3	EM EM	318 318	2V 2V	(DETERIORATION FACTORS: 0.00 150 230 140 250			
			360-1 360-3	EGR+AIR EM 2V	360 360 360	2V 2V 2V	(DETERIORATION FACTORS: 0.00 170 265 (DETERIORATION FACTORS: 0.30 175 285 160 260	0.00 17 0.00 12 20		
IB (361-4) (361)	360-1 (360-1; 360-3) (360)	361-4	EM	361	2V	(DETERIORATION FACTORS: 0.00 150 285	2.09 18	1.32 15		
		413-1	EM	413	4V	(DETERIORATION FACTORS: 0.00 175 125	15 15			
		413-3 (413)								

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1978 MODEL YEAR HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER	FAMILY INFORMATION:				TEST ENGINE INFORMATION:				CERTIFICATION LEVELS	
	FAMILY DESIGNATION [MODELS COVERED] [CUBIC INCH DISPLACEMENTS]	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.)	CARB. VENTURIS H.P. (LDF FT)	MAXIMUM RATED TORQUE	HYDROCARBONS OXIDES OF NITROGEN MONOXIDE	EXHAUST EMISSIONS (GM/BHP-HR)		
CHRYSLER RAM	[440-1; 440-3] [440]	440-1	EM	440	4V	220 330 (DETERIORATION FACTORS: 0.00)	0.00	0.00)		
		440-3	EGN	440	4V	220 330 (DETERIORATION FACTORS: 2.11 220 330	16 8	23 11		
	EG [225-1] [225]	225-1	EM	225	2V	115 175 (DETERIORATION FACTORS: 0.88 115 175	15	1.78)		
		300 [300 L.O.; 300 H.D.] [300]	EM	300	1V	117 227 (DETERIORATION FACTORS: 0.00 117 227	14 14	18 15		
FOKE	302 [302] [102]	302	EM	302	2V	140 250 (DETERIORATION FACTORS: 0.00 140 250	12 13	0.00)		
		302	EM	302	2V	140 250 (DETERIORATION FACTORS: 0.00 140 250	12 13	3H 29		
	330/361/391 [330X0; 361X0; 38910] [330; 361; 391]	330XD-2V	EM	330	2V	140 273 (DETERIORATION FACTORS: 0.00 140 273	13 9	1.49)		
		361-XE-4V	EM	361	4V	175 284 (DETERIORATION FACTORS: 0.00 182 309	14 15	26 26		
351M/400	351M [351; 400]	351M	EGN+AIR	351	2V	137 272 (DETERIORATION FACTORS: 0.00 137 272	7 6	23 26		
		400	EGN+AIR	400	2V	170 290 (DETERIORATION FACTORS: 0.00 180 307	6 6	13 26		
	351M [351; 400]	351M	EGN+AIR	351	2V	150 274 (DETERIORATION FACTORS: 0.00 169 318	6 5	12 19		
		400	EGN+AIR	400	2V	163 267 (DETERIORATION FACTORS: 0.00 169 301	16 12	3.03) 27		

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1978 MODEL YEAR HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER	FAMILY INFORMATION:				TEST ENGINE INFORMATION:				CERTIFICATION LEVELS			
	FAMILY DESIGNATION [MODELS COVERED] [CUBIC INCH DISPLACEMENTS]	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.)	CARB VENTURIS H.P.	MAXIMUM TORQUE (LBP FT)	EXHAUST EMISSIONS (GM/BHP-HR)	HYDROCARBONS OXIDES OF NITROGEN	CARBON MONOXIDE			
FORD	351W [351W] [151]	351W-2V	ECR+AIR	351	2V	183	0.00	0.00	0.00			
		351W-2V	EM	351	2V	147 272 275	5 13	13	10			
460	[460] [460]	460	EM	460	4V	229 374	0.00	0.00	0.00			
		460	EM	460	4V	239 385	14 25	24	13			
477/534	[475; 477; 534] [477; 534]	477	ECR	460	4V	239 374	0.01 6	0.00	0.00			
		534	EM	477	4V	228 390	16 34	37	34			
GENERAL MOTORS	GM 111 [104] [250]	LD4	EM	250	1V	100 175	1.37 12	0.00	0.00			
		LD4	EM	250	1V	100 175	12 25	25	25			
GM 112A	[125] [292]	125	EM	292	1V	120 215	0.00	0.63	0.63			
		125	EM	292	1V	120 215	6 11	16	15			
GM 113	[105; 350; 400] [105; 350; 400]	125	EM	292	1V	130 225	0.00	0.63	0.63			
		125	EM	292	1V	130 225	9 15	15	15			
GM 113	[105; 350; 400] [105; 350; 400]	125	EM	350	2V	155 255	2.49	7.67	7.67			
		125	EM	350	2V	155 255	11 36	36	36			
GM 113	[105; 350; 400] [105; 350; 400]	125	EM	400	4V	175 290	13 15	35	35			
		125	EM	400	4V	175 290	13 15	35	35			
GM 113	[105; 350; 400] [105; 350; 400]	125	EM	305	2V	140 235	15 12	26	26			
		125	EM	305	2V	140 235	15 12	26	26			
GM 113	[105; 350; 400] [105; 350; 400]	125	EM	350	4V	165 245	12	12	12			
		125	EM	350	4V	165 245	12	12	12			

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1978 MODEL YEAR HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER	FAMILY INFORMATION:				TEST ENGINE INFORMATION:				CERTIFICATION LEVELS	
	FAMILY DESIGNATION (MODELS COVERED) (CUBIC INCH DISPLACEMENTS)	TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CUBIC INCH)	CARB VENTURIS N.P. (LHP FI)	RATED TORQUE N.P.	MINIMUM TORQUE (LHP FI)	HYDROCARBONS OXIDES OF NITROGEN	EXHAUST EMISSIONS (GM/BHP-HR)	CARBON MONOXIDE
GENERAL MOTORS GM 113T {GV: LF4; 159} {350; 400}	GM 114 {186; 161} {366; 427}	LF4	AIR	400	4V			(DETERIORATION FACTORS: 0.00	7	4.20)
		LF5	AIR	350	2V			175 290	20	20
		LF6	AIR	350	4V			160 265	7	17
		LF9	AIR	350	4V			160 250	6	15
GM 115 {LF8} {454}	GM 117 {403} {403}	LF4	AIR	400	4V			165 255	7	20
		LF5	AIR	427	4V					
		LF6	AIR	366	4V					
		LF9	AIR	427	4V					
INTERNATIONAL HARVESTER PV-8 CALIF {MV-404; MV-446} {400; 446}	PV-8 FED. {MV-404; MV-446} {400; 446}	LF4	AIR	400	4V			(DETERIORATION FACTORS: 0.25	15	7.10)
		LF5	AIR	366	4V			220 360	13	37
		LF6	AIR	427	4V			200 305	13	17
		LF9	AIR	427	4V			(DETERIORATION FACTORS: 1.20	6	0.00)
INTERNATIONAL HARVESTER PV-8 CALIF {MV-404; MV-446} {400; 446}	PV-8 FED. {MV-404; MV-446} {400; 446}	LF4	AIR	400	4V			195 290	5	18
		LF5	AIR	427	4V					26
		LF6	AIR	366	4V					
		LF9	AIR	427	4V					
INTERNATIONAL HARVESTER PV-8 CALIF {MV-404; MV-446} {400; 446}	PV-8 FED. {MV-404; MV-446} {400; 446}	LF4	AIR	400	4V			(DETERIORATION FACTORS: 0.65	8	6.11)
		LF5	AIR	366	4V			250 385	16	16
		LF6	AIR	427	4V			(DETERIORATION FACTORS: 1.17	15	0.00)
		LF9	AIR	427	4V			240 370	15	16
INTERNATIONAL HARVESTER PV-8 CALIF {MV-404; MV-446} {400; 446}	PV-8 FED. {MV-404; MV-446} {400; 446}	LF4	AIR	400	4V			(DETERIORATION FACTORS: 0.35	6	0.00)
		LF5	AIR	366	4V			192 318	6	6
		LF6	AIR	427	4V			192 318	13	28
		LF9	AIR	427	4V					
INTERNATIONAL HARVESTER PV-8 CALIF {MV-404; MV-446} {400; 446}	PV-8 FED. {MV-404; MV-446} {400; 446}	LF4	AIR	400	4V			(DETERIORATION FACTORS: 0.53	8	4.83)
		LF5	AIR	366	4V			189 323	21	21
		LF6	AIR	427	4V			189 323	8	26
		LF9	AIR	427	4V			206 318	7	28
INTERNATIONAL HARVESTER PV-8 CALIF {MV-404; MV-446} {400; 446}	PV-8 FED. {MV-404; MV-446} {400; 446}	LF4	AIR	400	4V			227 382	6	21
		LF5	AIR	366	4V					
		LF6	AIR	427	4V					
		LF9	AIR	427	4V					
INTERNATIONAL HARVESTER PV-8 CALIF {MV-404; MV-446} {400; 446}	PV-8 FED. {MV-404; MV-446} {400; 446}	LF4	AIR	400	4V			(DETERIORATION FACTORS: 0.00	12	3.61)
		LF5	AIR	366	4V			180 311	12	26
		LF6	AIR	427	4V			180 311	15	23
		LF9	AIR	427	4V					

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1978 MODEL YEAR HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER	FAMILY INFORMATION:				TEST ENGINE INFORMATION:				CERTIFICATION LEVELS			
	FAMILY DESIGNATION (MODELS COVERED) (CUBIC INCH DISPLACEMENTS)				TEST ENGINE EMISSION CONTROL SYSTEM (C.U.I.N.) VENTURIS U.P. (LBF FT)				EXHAUST EMISSIONS (GM/BHP-HR)			
	INTERNATIONAL HARVESTER											
	FV-B FED (MV-404; MV-446) (400; 446)											
	V-304 (V-404) (304)											
	V-345 FED (V-345) (345)											
	V-345C (V-345) (345)											
	V-392 FED (V-392) (391)											
	V-392C (V-392) (391)											
	V-537 CATIF (V-537) (537)											
	V-537 REF (V-537) (537)											

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1978 MODEL YEAR HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER				TEST ENGINE INFORMATION:				CERTIFICATION LEVELS			
FAMILY INFORMATION:				TEST ENGINE INFORMATION:				EXHAUST EMISSIONS			
FAMILY DESIGNATION [MODELS COVERED] [CUBIC INCH DISPLACEMENTS]				TEST ENGINE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISPL. (CU. IN.)	CARB VENTURIS H.P. (LBF FT)	MAXIMUM RATED TORQUE	HYDROCARBONS & OXIDES OF NITROGEN	CARBON MONOXIDE	
INTERNATIONAL HARVESTER											
4-196 FED				4-196	EM	196	1V	(DETERIORATION FACTORS: 86 157	0.00 14	3.10) 21	
[4-196] [196]											
4-196C				4-196	EGR+AIR	196	1V	(DETERIORATION FACTORS: 86 157	1.12 7	1.47) 16	
[4-196] [196]											

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1978 MODEL YEAR MOTORCYCLES

MANUFACTURER FAMILY DESIGNATION (MODELS COVERED) [CC DISPLACEMENT]	TEST VEHICLE INFORMATION:					DETERIORATION FACTORS		CERTIFICATION LEVELS (GM/KH)	
	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. G. CYCLE (CC)	INERTIA WEIGHT CLASS	DRIVE RATIO	HYDRO- CARBON MONOXIDE	CARBON MONOXIDE	HYDRO- CARBON	CARBON MONOXIDE
HARLEY DAVIDSON V-TWIN [FLH; FLT; FX; FXE; FXS; XLCH; XLH; XLS; XLT] [1000; 1200; 1340]	FLH	ENG MOD	1207 - 4	1 M-4	3.90	1.103	1.000	2.0	13
	FLH	ENG MOD	1319 - 4	1 M-4	3.90	1.017	1.000	1.8	10
	XLT	ENG MOD	997 - 4	1 M-4	4.22	1.502	1.357	2.9	10
HONDA 750P [CB400TII; CB400TII; CB400A] [395]	CB400A	ENG MOD	395 - 4	2 2S	2.31	1.000	1.000	0.7	10
	CM185	ENG MOD	181 - 4	1 M-4	2.33	1.198	1.024	1.3	12
	CX500	ENG MOD	497 - 4	2 M-5	3.09	1.118	1.000	2.0	9
750P [CBX] [1047]	CBX	ENG MOD	1047 - 4	6 M-5	2.33	1.071	1.045	2.0	14
	CT70	ENG MOD	72 - 4	1 M-3	2.33	1.174	1.000	0.7	9
	CT90	ENG MOD	90 - 4	1 M-4	3.00	1.078	1.000	0.7	10
788V [XL75; XL100; XL125; CT125S; CT125] [75; 99; 124]	XL100	ENG MOD	99 - 4	1 M-5	3.50	1.000	1.000	0.7	10
	XL125	ENG MOD	124 - 4	1 M-5	3.46	1.000	1.022	0.8	11

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1978 MODEL YEAR MOTORCYCLES

MANUFACTURER FAMILY DESIGNATION (MODELS COVERED) (CC DISPLACEMENT)	TEST VEHICLE INFORMATION:					DETERIORATION FACTORS		CERTIFICATION LEVELS (GM/KM)	
	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. CC CYCLE	GEAR TRANS	INERTIA WEIGHT CLASS (KG'S)	DRIVE RATIO	HYDRO- CARBON MONOXIDE	HYDRO- CARBON MONOXIDE	
HONDA	76RV [XL75; XL100; XL125; CE125S; CT125] [15; 99; 124]	XL75	75 - 4	1	M-4	160	2.57	1.120	1.000 0.7 10
	780F [GL1000] [1000]	GL1000	1000 - 4	4	M-5	410	3.40	1.000	1.090 2.0 14
	780P [CB750K; CB750P; CB750A] [750]	CB750F	736 - 4	4	M-5	350	3.07	1.163	1.000 2.0 11
	780V [XL250S] [249]	XL250S	249 - 4	1	M-5	210	3.79	1.000	1.000 0.9 12
KAWASAKI	KE100 [KE100-A7A; KH100-A3A] [99]	KH100-A3A	99 - 2	1	M-5	170	2.57	1.018	1.000 3.7 15
	KE125 [KE125-ASA] [124]	KE125-ASA	124 - 2	1	M-6	190	3.57	1.006	1.000 3.4 12
	KL250 [KL250-A1A] [246]	KL250-A1A	246 - 4	1	M-5	220	2.86	1.000	1.000 0.9 10
	KZ100 [KZ1000-A2A; KZ1000-E2] [1015]	KZ1000-A2A	1015 - 4	4	M-5	370	2.20	1.019	1.000 2.0 11
KZ200	[KZ200-A1A] [19E]	KZ200-A1A	198 - 4	1	M-5	220	2.67	1.000	1.000 0.8 10

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1978 MODEL YEAR MOTORCYCLES

MANUFACTURER FAMILY DESIGNATION (MODELS COVERED) (CC DISPLACEMENT)	TEST VEHICLE INFORMATION:					DETERIORATION FACTORS		CERTIFICATION LEVELS (CM/KM)	
	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CYCLE (CC)	INERTIA WEIGHT CLASS (KG'S)	DRIVE RATIO	HYDRO- CARBON MONOXIDE	CARBON MONOXIDE	HYDRO- CARBON MONOXIDE	CARBON MONOXIDE
KAWASAKI KZ650 [KZ650-D2A; KZ650-D1A] [652]	KZ650-D2A	ENG MOD	652 - 4	M-5	2.63	1.194	1.000	2.0	7
	KZ750 [KZ750-30A] [745]	ENG MOD	745 - 4	M-5	2.38	1.000	1.018	0.8	9
SUZUKI GS100 [GS1000; GS1000E] [997]	GS1000E	ENG MOD	997 - 4	M-5	4.78	1.000	1.000	1.0	11
	GS400 [GS400; GS400X] [398]	ENG MOD	398 - 4	M-6	6.50	1.035	1.000	1.2	9
GS55 [GS550; GS550E] [549]	GS550E	ENG MOD	549 - 4	M-6	6.30	1.240	1.090	2.0	11
	GS75 [GS750; GS750E] [748]	ENG MOD	748 - 4	M-5	5.66	1.020	1.108	2.0	13
SP17 [SP370] 370	SP-170	ENG MOD	370 - 4	M-5	7.24	1.510	1.043	1.9	14
	TS125 [TS-125] [123]	ENG MOD	123 - 2	M-5	9.14	1.118	1.000	4.1	9
TS185/250 [TS185; TS250] [183; 246]	TS185	ENG MOD	183 - 2	M-5	9.56	1.011	1.000	4.4	11

1978 MODEL YEAR MOTORCYCLES

MANUFACTURER FAMILY DESIGNATION (MODELS COVERED) (CC DISPLACEMENT)	TEST VEHICLE INFORMATION:				INERTIA		DETERIORATION FACTORS		CERTIFICATION LEVELS	
	TEST VEHICLE MODEL	EMISSION CONTROL SYSTEM	ENGINE DISP. & CYCLE (CC)	SEAT/TRANS (KG'S)	WEIGHT CLASS	DRIVE RATIO	HYDRO- CARBONS MONOXIDE	CARBON MONOXIDE	HYDRO- CARBON MONOXIDE	(GN/KW)
SUZUKI										
TS185/250 [TS185; TS250] [183; 246]	TS250	ENG MOD	246 - 2	1	M-5	210	6.85	1.000	1.000	4.5 8
YAMAHA										
2F0-78 [XS650E; XS650SE] [654]	XS650E	ENG MOD	654 - 4	2	M-5	350	2.00	1.000	1.127	1.3 15
2F3-78 [XS750E; XS750SE] [747]	XS750E	ENG MOD	747 - 4	3	M-5	380	3.58	1.000	1.032	1.6 13
2F4-78 [GT80E] [73]	GT80E	ENG MOD	73 - 2	1	M-4	150	2.93	1.000	1.144	3.2 8
2F5-78 [DT100E] [97]	DT100E	ENG MOD	97 - 2	1	M-5	170	3.21	1.000	1.000	3.8 10
2H0-78 [XT500E] [499]	XT500E	ENG MOD	499 - 4	1	M-5	240	2.75	1.000	1.021	0.5 12

NOTICES

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1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER	EXH-EMISS FAMILY/EXH-EMISS FAM (CUBIC INCH DISPLACEMENT)	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	CERTIFICATION LEVELS				
						EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS (PPHM)	HYDRO- CARBONS (PPHM)	NITROGEN OXIDES	HYDRO- CARBONS
ALFA ROMEO -- FAMILY COMBINATIONS CERTIFIED										
EXHAUST-EMISSION FAMILY TEST VEHICLES										
01615*A / F1615*A (1201)										
C ALFETTA		AIR/FI /OC /	/CRK	120-FI A-J 3000	3.54	0.33	5.5	0.89	1.5 *	
C ALFETTA		AIR/FI /OC /	/CRK	120-FI M-5 3000	4.10	0.40	6.1	0.86	2.2 *	
C SPIDER 2000		AIR/FI /OC /	/CRK	120-FI M-5 2750	4.55	0.33	4.4	0.77	2.3 *	
EXHAUST DETERIORATION FACTORS FOR -		AIR/FI /OC /	/	FAMILY 01615*A		1.305	1.474	1.000	N/A	
EXHAUST DETERIORATION FACTORS FOR -		/ /	/	FAMILY E1615*A		1 N/A	N/A	N/A	0.16d)	
ALFA ROMEO -- EXH-EMISSION FAMILIES										
EXHAUST-EMISSION FAMILY TEST VEHICLES										
F1615*A										
C ALFETTA		AIR/FI /OC /	/CRK	120-FI A-J 3000	3.54	0.33	5.5	0.89	1.5	
C SPIDER 2000		AIR/FI /OC /	/CRK	120-FI M-5 2750	4.55	0.33	4.4	0.77	2.3	
C ALFETTA		AIR/FI /OC /	/CRK	120-FI M-5 3000	4.10	0.40	6.1	0.86	2.2	
AMERICAN MOTORS -- FAMILY COMBINATIONS CERTIFIED										
EXHAUST-EMISSION FAMILY TEST VEHICLES										
1-C / E-5A (125H)										
C GREMLIN		AIR/OC /EGH/	/CAN	258-1 A-J 3500	3.08	0.31	3.3	1.4	2.1 *	
C PACER		AIR/OC /EGH/	/CAN	258-1 M-4 3500	2.73	0.29	3.5	0.89	2.3 *	
C PACER WAGON										
C CONCORD										
C CONCORD WAGON										
EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	FAMILY 1-C		1.000	1.000	1.000	N/A	
EXHAUST DETERIORATION FACTORS FOR -		/ /	/	FAMILY E-5A		1 N/A	N/A	N/A	0.10	
1-1 / F-1 (1232.25H)										
C GREMLIN		AIR/OC /EGH/	/CAN	232-1 A-J 3500	2.53	0.72	11.	1.8	4.2 *	
C PACER		AIR/OC /EGH/	/CAN	232-1 A-J 3500	2.73	0.59	13.	1.5	3.8 *	
C PACER WAGON		AIR/OC /EGH/	/CAN	232-1 M-3 3500	2.73	0.89	14.	1.2	N/A	
C CONCORD		AIR/OC /EGH/	/CAN	232-1 M-3 3000	2.73	0.73	9.8	0.95	3.2 *	
C GREMLIN		AIR/OC /EGH/	/CAN	232-1 M-4 3500	2.53	0.64	8.5	2.0	N/A	
C PACER		AIR/OC /EGH/	/CAN	258-1 A-J 3500	3.08	0.46	2.4	2.0	N/A	
C CONCORD WAGON										

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXH EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER
EXH-EMISS FAMILY/VAP-EMISS FAM
(CUBIC INCH DISPLACEMENT)
CARB INT'S COVERED

VEHICLE CARLINE

REPRESENTED

EMISSION CONTROL SYSTEM

VEHICLES

CLASS

A/F

RATIO

HYDRO-
CARBONSMONOXIDE
NITROGENOF
CARBONS

CERTIFICATION LEVELS
FAMOUS EMISSION
(GRAMS/MILE)
EVAPOR-
LEGASIS

AMERICAN MOTORS - FAMILY COMBINATIONS CERTIFIED

EXHAUST-EMISSION FAMILY TEST VEHICLES

I-1 / E-1 (CONT.)

(EXHAUST DETERIORATION FACTORS FOR -

(EVAPOR, DETERIORATION FACTORS FOR -

I-1 / E-1

(232, 250)

CONCORD

PACER

GREHLIN

CONCORD

PACER

CONCORD WAGON

CONCORD WAGON

I-3 / E-2

(250)

CONCORD

PACER

CONCORD

CONCORD WAGON

GREHLIN

II-A / E-4

(104)

CONCORD

CONCORD

PACER

CONCORD WAGON

CONCORD

PACER

CONCORD WAGON

CONCORD

PACER

CONCORD WAGON

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PACER

CONCORD WAGON

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST
VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER
FAMILY/VEHICLE/EMISSION FACTOR
(CUBIC INCH DISPLACEMENT)
CARLINE'S COVERED

VEHICLE CARLINE
REPRESENTED

EMISSION CONTROL SYSTEM
VENTURIS

EMISSION FACTORS - FAMILY COMBINATIONS CERTIFIED

EXHAUST EMISSION FAMILY TEST VEHICLES

III / E-4
(160)

III-C / E-4
(360)

V / E-3
(121)

EXHAUST DETERIORATION FACTORS FOR -

EXHAUST DETERIORATION FACTORS FOR -

EXHAUST DETERIORATION FACTORS FOR -

EXHAUST DETERIORATION FACTORS FOR -

AMERICAN MOTORS - EVAP-EMISSION FAMILIES

E-1

E-2

CONCORD

CONCORD

CONCORD

CONCORD

CONCORD

CONCORD

CONCORD

CONCORD

CONCORD

CONCORD

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXH EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSION FAMILY IS PROVIDED IN THE EVAP EMISSION FAMILY SECTION BELOW.

MANUFACTURER EXH-EMISS FAMILY/EXAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINS COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. L	R INERTIA WEIGHT	T CLASS	AXLE RATIO	CERTIFICATION LEVELS			
							EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	CARBON MONOXIDE	OXIDES OF NITROGEN

AMERICAN MOTORS -- EVAP-EMISSION CERTIFIED

E-3	GREMLIN	AIR/OC	/	/CAN	121-2	M-4	3000	3.31	1.1	8.3	1.5	3.0
E-4	CONCORD	AIR/OC	/	/CAN	304-2	A-3	4000	2.87	0.94	13.	1.4	2.3
	MATADOR SEDAN	AIR/OC	/	/CAN	360-2	A-3	4500	2.87	0.81	17.	1.4	5.8
	MATADOR WAGON	AIR/OC	/	/CAN	360-2	A-3	4500	3.15	0.22	1.6	1.2	2.0
	*MATADOR SEDAN	AIR/OC	/	/CAN	360-2	A-3	4500	3.15	0.54	6.2	1.9	3.8
E-5	*CONCORD WAGON	AIR/OC	/	/CAN	258-1	A-3	3500	3.08	0.46	7.4	2.0	2.5
E-5A	C PACER	AIR/OC	/	/CAN	258-1	A-3	3500	3.08	0.31	3.3	1.4	2.1
	C GREMLIN	AIR/OC	/	/CAN	258-1	M-4	3500	2.73	0.29	3.5	0.89	2.3

AUDI -- FAMILY COMBINATIONS CERTIFIED

EXHAUST-EMISSION FAMILY TEST VEHICLES

AUDI 100C / AUDI 100 (131) C 5000	C 5000	FI /OC	/	/CAN	131-FI	A-3	3000	3.91	0.21	2.0	1.3	N/A
C 5000	C 5000	FI /OC	/	/CAN	131-FI	M-4	3000	4.11	0.20	1.6	1.2	2.3
C 5000	C 5000	FI /OC	/	/CAN	131-FI	M-4	3000	4.11	0.34	6.3	0.86	1.9
(EXHAUST DETERIORATION FACTORS FOR - FI /OC /EGH/ /		/	/	/CAN	FAMILY AUDI 100C				1.000	1.000	1.000	N/A
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/CAN	FAMILY AUDI 100				N/A	N/A	N/A	0.0
AUDI 80C / AUDI 80 (97) C FOX C FOX WAGON	C DASHER WAGON	FI /OC	/	/CAN	97-FI	A-3	2500	3.91	0.16	1.1	1.1	1.2
C FOX	C FOX	FI /OC	/	/CAN	97-FI	M-4	2500	4.11	0.18	1.6	1.2	0.68
C FOX	C FOX	FI /OC	/	/CAN	97-FI	M-4	2500	4.11	0.37	7.0	0.38	0.86
(EXHAUST DETERIORATION FACTORS FOR - FI /OC /EGH/ /		/	/	/CAN	FAMILY AUDI 80C				1.000	1.000	1.000	N/A
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/CAN	FAMILY AUDI 80				N/A	N/A	N/A	0.0

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULT A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINE'S COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLE CLASS	INERTIA A WEIGHT	ENGINE DISP. & CARB	RATIO S (LBS)	AXLE RATIO	CERTIFICATION LEVELS		
								EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	EVAPORATIVE EMISSIONS
EXHAUST-EMISSION FAMILY TEST VEHICLES										
AUDI - FAMILY COMBINATIONS CERTIFIED										
AUDI 80F1 / AUDI 80 (197)	FOX	/	/	2500	97-F1	A-3	3.91	1.2	6.0	1.4
	DASHER	/	/	2500	97-F1	M-4	4.11	1.2	6.2	1.6
	*DASHER	/	/	2500	97-F1	M-4	4.11	1.4	12.	1.8
	(EXHAUST DETERIORATION FACTORS FOR - FI /FGH/	/	/		FAMILY AUDI 80F1			1.000	1.221	1.000
AUDI 100F / AUDI 100 (197)	5000	/	/	3000	131-F1	A-3	3.91	1.1	6.0	1.9
	5000	/	/	3000	131-F1	M-4	4.11	1.3	7.6	1.9
	(EXHAUST DETERIORATION FACTORS FOR - FI /FGH/	/	/		FAMILY AUDI 100F			1.028	1.000	1.000
	(EVAPORATIVE-EMISSION FAMILY TEST VEHICLES									
AUDI - FAMILY COMBINATIONS CERTIFIED										
AUDI 80	80F1	/	/	2250	89-F1	M-4	3.90	0.14	1.5	1.2
	80F1	/	/	2250	89-F1	M-4	3.90	1.1	7.8	1.8
	FOX	/	/	2500	97-F1	A-3	3.91	1.2	6.0	1.4
	DASHER	/	/	2500	97-F1	M-4	4.11	0.16	1.1	1.1
AUDI 100	100F	/	/	2500	97-F1	M-4	4.11	0.37	7.0	0.34
	100F	/	/	2500	97-F1	M-4	4.11	1.2	6.2	1.6
	FOX	/	/	2500	97-F1	M-4	4.11	0.18	1.6	1.2
	DASHER	/	/	2500	97-F1	M-4	4.11	1.4	1.2	1.8

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER	EXH-EMIS FAMILY/VEAP-EMIS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	AXLE RATIO	HYDRO- CARBONS	MONOXIDE	NITROGEN	CERTIFICATION LEVELS	
										EXHAUST EMISSION (GRAMS/MILE)	EVAPOR. EMISSIONS (GRAMS)
AVANTI II -- FAMILY COMBINATIONS CERTIFIED											
EXHAUST-EMISSION FAMILY TEST VEHICLES											
GM10L4 / BBFV (150)	AVANTI II	OC / FGR/OTH /	/CAN	350-4	A-3	4000	3.07	0.49	1.1	1.9	3.8 *
(EXHAUST DETERIORATION FACTORS FOR - OC / FGR/OTH /											
(EVAPOR. DETERIORATION FACTORS FOR - / / /											
FAMILY GM10L4											
FAMILY BBFV											
AVANTI II -- EVAP-EMISSION FAMILIES											
EXHAUST-EMISSION FAMILY TEST VEHICLES											
BBFV	AVANTI II	OC / FGR/OTH /	/CAN	350-4	A-3	4000	3.07	0.49	1.1	1.9	3.8
BMW -- FAMILY COMBINATIONS CERTIFIED											
EXHAUST-EMISSION FAMILY TEST VEHICLES											
120.8 / FV10 (121)	C 320 I	AIR/FI / THM/EGR /	/CAN	121-FI	A-3	2750	3.64	0.20	4.7	1.1	1.6 *
(EXHAUST DETERIORATION FACTORS FOR - AIR/FI / THM/EGR /											
(EVAPOR. DETERIORATION FACTORS FOR - /CAN											
FAMILY 120.8											
FAMILY FV10											
120.9 / FV10 (121)	320 I	AIR/FI / EGR /	/CAN	121-FI	A-3	2750	3.64	0.87	9.7	1.4	N/A
(EXHAUST DETERIORATION FACTORS FOR - AIR/FI / EGR /											
(EVAPOR. DETERIORATION FACTORS FOR - /CAN											
FAMILY 120.9											
FAMILY FV10											
130.8 / FV10 (182)	530 I	AIR/FI / THM/EGR /	/CAN	182-FI	A-3	3500	3.45	0.38	12.	1.7	N/A
(EXHAUST DETERIORATION FACTORS FOR - AIR/FI / THM/EGR /											
(EVAPOR. DETERIORATION FACTORS FOR - /CAN											
FAMILY 130.8											
FAMILY FV10											

*NOTE: THIS VEH GENERATED EVAP-EMIS AS WELL AS EXH-EMIS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP-EMIS FAMILY IS PROVIDED IN THE EVAP-EMIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER
EXH-EMISS FAMILY/EXVAP-EMISS FAM
(CURIC INCH DISPLACEMENT)
CARLINS COVERED

VEHICLE CARLINE
REPRESENTED

BWV -- FAMILY COMBINATIONS--CERTIFIED

130.8 / FV10 (CONT.)

ENGINE DISP. A	INERTIA R	WEIGHT N	CLASS S	AXLE RATIO	HYDRO- CARBONS	CARBON MONOXIDE	NITROGEN OXIDES	HYDRO- CARBONS
AIR/FI /THM/FGR/	/CAN	182-FI M-4	3500	3.45	0.19	7.2	1.2	N/A
AIR/FI /THM/FGR/	/CAN	182-FI M-4	3500	3.45	0.32	1.6	1.6	N/A

(EXHAUST DETERIORATION FACTORS FOR -
(EVAPOR. DETERIORATION FACTORS FOR -

133.8 / FV10
(196)

733 I	AIR/FI /THM/FGR/	/CAN	196-FI A-J	4000	3.45	0.31	11.	1.7	0.66 *
C 633 CSI	AIR/FI /THM/FGR/	/CAN	196-FI A-J	4000	3.45	0.32	6.9	1.2	N/A
733 I	AIR/FI /THM/FGR/	/CAN	196-FI M-4	4000	3.45	0.79	11.	1.2	1.1 *
C 633 CSI	AIR/FI /THM/FGR/	/CAN	196-FI M-4	4000	3.45	0.17	5.8	1.2	N/A
733 I	AIR/FI /THM/FGR/	/CAN	196-FI M-4	4000	3.45	0.32	9.3	1.4	N/A

(EXHAUST DETERIORATION FACTORS FOR -
(EVAPOR. DETERIORATION FACTORS FOR -

BWV -- EXVAP-EMISSION-FAMILIES

EV10

EXHAUSTIVE-EMISSION-FAMILY-TEST-VEHICLES

C 320 I	AIR/FI /THM/FGR/	/CAN	121-FI A-J	2750	3.64	0.20	4.7	1.1	1.6
320 I	AIR/FI /THM/FGR/	/CAN	121-FI M-4	2750	3.64	1.1	7.8	1.8	0.80
C 530 I	AIR/FI /THM/FGR/	/CAN	182-FI A-3	3500	3.45	0.35	7.0	1.4	1.4
733 I	AIR/FI /THM/FGR/	/CAN	196-FI A-3	4000	3.45	0.31	11.	1.7	0.66
+733 I	AIR/FI /THM/FGR/	/CAN	196-FI M-4	4000	3.45	0.79	11.	1.3	1.1

EXHAUSTIVE-EMISSION-FAMILY-TEST-VEHICLES

EXHAUSTIVE-EMISSION-FAMILY-TEST-VEHICLES

R/50 / LCANI
(110)

C MGR	AIR/OC /FGR/	/CAN	110-1 M-4	2750	3.91	0.17	4.1	1.3	N/A
C MGR	AIR/OC /FGR/	/CAN	110-1 M-4	2750	3.91	0.17	4.8	1.6	0.60 *

*NOTE: THIS VEH GENERATED EVAP EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST
VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

CERTIFICATION LEVELS	
EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBON OF CARBONS MONOXIDE NITROGEN OXIDES
EVAPORATION EMISSIONS	HYDRO- CARBONS

(GRAMS/MILE)	OXIDES	(GRAMS/MILE)
HYDRO-CARBONS	CARBON MONOXIDE	HYDRO-CARBONS
	NITROGEN	
	OF	
	HYDRO-	
	CARBONS	
	EMISSIONS	

EXHAUST-EMISSION_FAMILY_I-ET_VEHICLES

Wavelength (nm)	Extinction Coefficient (L/mol·cm)	Molar Ratio
2296	1.505	1.000
2296	N/A	N/A
2296	0.0201	0.0201

(PLMCT) AUSTIN=HORRIS -- EVAP=EMISSION_FAMILYIESI

0.17	4.8	1.6	0.60
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UNCLAS JAGUAR - FAMILY COMBINATIONS CERTIFIED

0.35	4.8	1.1	4.3
0.73	4.9	1.4	4.8

	AIR/FI	/OC	/EGR/	FAMILY VI2/50.
EXHAUST DETORINATION FACTORS FOR -	-	-	-	FAMILY XJ#1
(EVAPOR. DEFRIORATION FACTORS FOR -	-	-	-	FAMILY XJ#1

0.79	7.2	1.4	N/A
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EXHAUST DETERIORATION FACTORS FOR -	AIR/FI	/OC	/FGR/		FAMILY VI2/50-
(EVAPOR. DEIFRIKATION FACIOUS FOR -	/	/	/	/CAN	FAMILY XJFI

0.40	5.8	1.3	2.4
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*NOTE: THIS VEH GENERATED EVAP EMIS AS WELL AS EXH EMIS. TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLE'S BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP EMIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/EXH-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA R WEIGHT N CLASS	AXLE RATIO	CERTIFICATION LEVELS			
						EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	MONOXIDE NITROGEN	EVAPOR- EMISSIONS (GRAMS)
FAMILY COMBINATIONS CERTIFIED:									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
SL4/2/50C / SL4/2/E1 (CONT.)	IF EXHAUST DETERIORATION FACTORS FOR -	AIR/OC / EGH/ /	FAMILY SL4/2/50C	M-4 2750	3.64	1.456	1.180	1.000	N/A 1
						N/A	N/A	N/A	0.415
SL4/2/50C / SL4/2/E1	C TR	AIR/OC / EGH/ /	122-2	M-4 2750	3.64	0.30	5.7	0.74	N/A
						0.23	6.4	0.74	N/A
EXHAUST DETERIORATION FACTORS FOR -	IF EXHAUST DETERIORATION FACTORS FOR -	AIR/OC / EGH/ /	FAMILY SL4/2/50C/C	M-5 2750	3.90	1.196	1.161	1.042	N/A 1
						N/A	N/A	N/A	0.415
TC/25C / TC/E2	C MIDGET	AIR/OC / EGH/ /	91-1	M-4 2250	3.72	0.27	3.4	0.67	1.1
						0.30	2.2	0.70	1.3
EXHAUST DETERIORATION FACTORS FOR -	IF EXHAUST DETERIORATION FACTORS FOR -	AIR/OC / EGH/ /	FAMILY TC/25C	M-4 2250	3.89	1.170	1.214	1.000	N/A 1
						N/A	N/A	N/A	0.316
TC/50C / TC/E1	C SPITFIRE	AIR/OC / EGH/ /	91-1	M-4 2250	3.89	0.46	2.0	0.94	1.1
						0.56	3.4	1.4	1.1
EXHAUST DETERIORATION FACTORS FOR -	IF EXHAUST DETERIORATION FACTORS FOR -	AIR/OC / EGH/ /	FAMILY TC/50C	M-4 2250	3.72	1.363	1.000	1.000	N/A 1
						N/A	N/A	N/A	0.316
EVAPORATIVE-EMISSION FAMILY TEST VEHICLES									
RV8/E1	TR	AIR/OC / EGH/ /	215-2	M-5 3000	3.08	0.35	2.4	1.1	1.3
						0.55	5.3	1.2	1.9
SL4/2/E1	TR	AIR/OC / EGH/ /	122-2	M-5 2750	3.90	0.55	5.3	1.2	1.9
						0.55	5.3	1.2	1.9

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/VAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CAPLINES COVERED	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	T INERTIA A WEIGHT M CLASS	HYDRO- CARBONS	NITROGEN	CERTIFICATION LEVELS					
							EXHAUST EMISSION (GRAMS/MILE)	EVAPORATION (GRAMS)				
							EMISSION CONTROL SYSTEM	EMISSION CONTROL SYSTEM				
VOLVO TRUCKS - EXHAUST EMISSION FAMILY TEST VEHICLES												
TC/E1	SPITFIRE MIDGET	AIR/OC / EGR/	/	/CAN	91-1	M-4	2250	3.49	0.46	2.0	0.94	1.1
		AIR/OC / EGR/	/	/CAN	91-1	M-4	2250	3.72	0.56	3.4	1.4	1.1
TC/E2	C MIDGET C SPITFIRE	AIR/OC / EGR/	/	/CAN	91-1	M-4	2250	3.72	0.27	3.4	0.67	1.1
		AIR/OC / EGR/	/	/CAN	91-1	M-4	2250	3.49	0.30	2.2	0.70	1.3
EXHAUST EMISSION FAMILY TEST VEHICLES												
CHECKER - FAMILY COMBINATIONS CERTIFIED												
GMB10F1M / BHFV (250) CHECKER	CHECKER	OC / EGR/OTR/	/	/CAN	250-1	A-3	4000	3.07	0.44	6.8	2.0	1.3 *
		EXHAUST DETERIORATION FACTORS FOR -	OC / EGR/OTR/	/	FAMILY GMB10F1M				1.000	1.066	N/A	N/A
GMB10F1SM / BHFV (250) C CHECKER	C CHECKER	AIR/OC / EGR/OTR/	/	/CAN	250-1	A-3	4000	3.07	0.29	2.5	1.4	1.6 *
		EXHAUST DETERIORATION FACTORS FOR -	AIR/OC / EGR/OTR/	/	FAMILY GMB10F1SM				1.471	1.074	N/A	N/A
GMB10J4S / BHFV (350) C CHECKER	C CHECKER	AIR/OC / EGR/OTR/	/	/CAN	350-4	A-3	4500	2.72	0.47	2.9	1.1	3.1 *
		EXHAUST DETERIORATION FACTORS FOR -	AIR/OC / EGR/OTR/	/	FAMILY GMB10J4S				1.113	1.000	N/A	N/A
GMB10Y2 / BHFV (305) CHECKER	C CHECKER	OC / EGR/OTR/	/	/CAN	305-2	A-3	4500	2.72	0.51	8.2	2.0	2.9 *
		EXHAUST DETERIORATION FACTORS FOR -	OC / EGR/OTR/	/	FAMILY GMB10Y2				1.000	1.000	N/A	N/A

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES													
MANUFACTURER FAMILY/VEHICLE NAME (CUBIC INCH DISPLACEMENT) CARLINES COVERED		VEHICLE CARLINE REPRESENTED		EMISSION CONTROL SYSTEM		CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)				HYDRO- CARBONS MONOXIDE NITROGEN		EVAPOR. EMISSIONS (GRAMS/MILE)	

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS DET. AS EXH EMISSION TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSION FAMILY IS PROVIDED IN THE EVAP EMISSION FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER EXH-EMISS FAMILY/VAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM	CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)						
			ENGINE DISP. A CARB	INERTIA A WEIGHT N CLASS	AXLE RATIO	HYDRO- CARBONS	CARBON MONOXIDE	NITROGEN OXIDES	HYDRO- CARBONS
CHRYSLER - FAMILY COMBINATIONS - CERTIFIED									
FH-360-4-C / E-3 (CONT.)									
(EXHAUST DETERIORATION FACTORS FOR -		OC	/	/	/	/	1.000	1.420	1.000
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	N/A	N/A	N/A
FH-400-4-AA / E-3									
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	0.67	4.5	1.4
(EVAPOR. DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	0.76	5.5	1.9
FH-440-4-H-D / E-3									
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	1.548	1.155	1.000
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	N/A	N/A	N/A
FH-440-4-S-AA / E-3									
(EXHAUST DETERIORATION FACTORS FOR -		OC	/	/	/	/	0.56	3.7	1.5
(EVAPOR. DETERIORATION FACTORS FOR -		OC	/	/	/	/	1.3	12	1.4
(EVAPOR. DETERIORATION FACTORS FOR -		OC	/	/	/	/	0.65	5.0	1.5
FH-440-4-H-D / E-3									
(EXHAUST DETERIORATION FACTORS FOR -		OC	/	/	/	/	1.000	1.000	1.018
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	N/A	N/A	N/A
FH-440-4-S-AA / E-3									
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	1.4	6.1	1.9
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	1.000	1.000	1.042
FH-440-4-S-AA / E-3									
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	0.54	4.2	1.5
(EVAPOR. DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	0.82	13	1.5
(EVAPOR. DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	0.76	12	1.2
(EVAPOR. DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	0.84	11	1.6
(EVAPOR. DETERIORATION FACTORS FOR -		AIR/OC	/	/	/	/	0.84	11	1.6

*NOTE: THIS VEH GENERATED EVAP FMS AS WELL AS EXH FMS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP FMS FAMILY IS PROVIDED IN THE EVAP FMS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER	EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT)	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM VEHICLES	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	AXLE RATIO	CERTIFICATION LEVELS		
							EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	HYDRO- NITROGEN
CHRYSLER -- FAMILY COMBINATIONS -- CERTIFIED									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
FD-225-1-CA / E-2 (CONT.)									
(EXHAUST DETERIORATION FACTORS FOR - AIR/OC /EGH/ / / / CAN FAMILY FD-225-1-CA									
(EVAPOR. DETERIORATION FACTORS FOR - / / / / CAN FAMILY E-2									
FD-225-2-CA / F-1 (225)									
VOLARE WAGON									
ASPEN WAGON									
ASPEN									
ASPEN WAGON									
DIPLOMAT									
DIPLOMAT WAGON									
LEBARON									
LEBARON WAGON									
FD-318-2-CA / F-1 (318)									
(EXHAUST DETERIORATION FACTORS FOR - AIR/OC /EGH/ / / / CAN FAMILY FD-225-2-CA									
(EVAPOR. DETERIORATION FACTORS FOR - / / / / CAN FAMILY E-1									
VOLARE WAGON									
VOLARE WAGON									
FURY									
ASPEN									
ASPEN WAGON									
MONACO									
DIPLOMAT									
DIPLOMAT WAGON									
LEBARON									
LEBARON WAGON									
VOLARE WAGON									
VOLARE									
FD-318-2-CA / E-7 (318)									
(EXHAUST DETERIORATION FACTORS FOR - AIR/OC /EGH/ / / / CAN FAMILY FD-318-2-CA									
(EVAPOR. DETERIORATION FACTORS FOR - / / / / CAN FAMILY E-1									
VOLARE WAGON									
VOLARE WAGON									
FURY									
MONACO									

*NOTE: THIS VEH GENERATED EVAP EMIS AS WELL AS EXH EMIS TEST RESULTS A COMPLTF LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMIS FAMILY IS PROVIDED IN THE EVAP EMIS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

MANUFACTURER FAMILY/CLASS (ENGINE DISPLACEMENT) CAR TYPES COVERED	VEHICLE LINE DESCRIPTION	EMISSION CONTROL SYSTEM	ENGINE DISPLACEMENT CLASS	INERTIA WEIGHT CLASS	AXLE RATIO	HYDRO- CARBONS	HYDRO- CARBON RATIO	CARBON DIOXIDE	NITROGEN OXIDES	EXHAUST EMISSION		CERTIFICATION LEVELS	
										(GRAMS/MILE)		(GRAMS/MILE)	
CHRYSLER -- FAMILY COMBINATIONS-CERTIFIED													
EXHAUST-EMISSION-FAMILY TEST VEHICLES													
FD-360-2-CA / E-6 (CONT.)	LEBARON												
	MONACO WAGON												
	CORONA												
EXHAUST DETERIORATION FACTORS FOR -													
(EVAPORATION DETERIORATION FACTORS FOR -													
FD-400-4-CA / F-3	MONACO WAGON	AIR/OC /EGR/	400-4	A-3	5000	3.21	0.50	1.000	1.000	1.000	1.000	N/A	N/A
(400)	FURY WAGON	AIR/OC /EGR/	400-4	1-3	5000	2.71	0.84	N/A	N/A	N/A	N/A	N/A	N/A
	CHRYSLER	AIR/OC /EGR/	400-4	1-3	4500	3.21	0.44	5.3	1.5	1.5	1.5	N/A	N/A
	MONACO	AIR/OC /EGR/	400-4	1-3	4500	2.45	0.57	8.4	1.4	1.4	1.4	N/A	N/A
	MONACO WAGON	AIR/OC /EGR/	400-4	1-3	4500	2.45	0.57	9.2	1.3	1.3	1.3	3.9 *	3.9 *
	CHARGER SE/MAL/XE							7.7	1.7	1.7	1.7	1.8 *	1.8 *
	CORONA												
EXHAUST DETERIORATION FACTORS FOR -													
(EVAPORATION DETERIORATION FACTORS FOR -													
FD-400-4-CA / E-4	MONACO WAGON	AIR/OC /EGR/	400-4	A-3	5000	3.21	0.50	1.000	1.000	1.000	1.000	N/A	N/A
(400)	CHRYSLER	AIR/OC /EGR/	400-4	1-3	4500	2.45	0.57	N/A	N/A	N/A	N/A	N/A	0.814
	CORONA	AIR/OC /EGR/	400-4	1-3	4500	3.21	0.44	5.3	1.5	1.5	1.5	N/A	N/A
	MONACO	AIR/OC /EGR/	400-4	1-3	4500	2.45	0.57	7.7	1.7	1.7	1.7	N/A	N/A
	MONACO WAGON	AIR/OC /EGR/	400-4	1-3	4500	2.45	0.57	8.4	1.4	1.4	1.4	3.5 *	3.5 *
								9.2	1.3	1.3	1.3	N/A	N/A
EXHAUST DETERIORATION FACTORS FOR -													
(EVAPORATION DETERIORATION FACTORS FOR -													
FG-105-2-CA / E-5	HORIZON	AIR/OC /EGR/	105-2	A-3	2500	3.48	0.33	1.000	1.000	1.000	1.000	N/A	N/A
(105)	OMNI	AIR/OC /EGR/	105-2	M-4	2500	3.37	0.40	N/A	N/A	N/A	N/A	N/A	0.814
								12.0	1.4	1.4	1.4	2.4 *	2.4 *
								12.0	1.7	1.7	1.7	2.2 *	2.2 *
EXHAUST DETERIORATION FACTORS FOR -													
(EVAPORATION DETERIORATION FACTORS FOR -													
FG-105-2-CA / E-5	HORIZON	AIR/OC /EGR/	105-2	A-3	2500	3.48	0.33	1.000	1.000	1.000	1.000	N/A	N/A
(105)	OMNI	AIR/OC /EGR/	105-2	M-4	2500	3.37	0.40	N/A	N/A	N/A	N/A	N/A	0.0
								1.300	1.284	1.284	1.284	N/A	N/A
								N/A	N/A	N/A	N/A	N/A	0.0

NOTE: THIS VEH GENERATED EVAP EMIS AS WELL AS EXH EMIS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMIS FAMILY IS PROVIDED IN THE EVAP EMIS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXH EMISSIONS TEST RESULT A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES										
MANUFACTURER EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP./A CARB	T INERTIA A N	HEIGHT CLASS S	AALF RATIO	CERTIFICATION LEVELS			
							EXHAUST EMISSION (GRAMS/MILE)	COALDS OF	HYDRO- CARBONS	EVAPOR- EMISSIONS (GRAMS)
CHRYSLER - EVAP-EMISSION FAMILY TEST VEHICLES										
EVAPORATIVE-EMISSION FAMILY TEST VEHICLES										
E-1	VOLARE WAGON ASPEN WAGON LEHARON MONACO VOLARE	/	225-2 225-2 318-2 318-2 318-2	A-3 A-3 A-3 M-4 M-4	4000 4000 4000 4000 4000	2.71 2.71 2.76 3.21 2.94	0.67 0.70 0.40 0.61 0.62	1.9 1.4 1.2 1.7 1.3	10. 11. 5.4 11. 9.5	3.3 3.5 4.0 3.5 2.3
F-10	CHRYSLER	/	360-2	L-3	5000	2.71	0.61	1.7	11.	1.5
E-2	C VOLARE C VOLARE C FURY FURY VOLARE C VOLARE WAGON	/	225-1 225-1 225-1 225-1 225-1 225-1	A-3 A-3 A-3 A-3 L-3 M-4	4000 4000 4000 4000 3500 4000	3.23 3.23 2.71 2.76 3.21 3.21	0.40 0.54 0.68 0.82 0.88 0.79	1.4 1.2 1.2 1.5 1.6 1.7	4.1 6.4 8.4 11. 11. 3.7	3.4 2.2 3.8 2.2 2.1 3.2
F-3	C FURY ASPEN C CHRYSLER CHARGER SE/MAG XF CURDORA MONACO	/	318-4 360-4 360-4 400-4 400-4	L-3 A-3 L-3 A-3 L-3	4500 4000 5000 4500 4500	2.71 3.21 3.21 3.21 2.45	0.34 0.32 0.44 0.59 0.57	1.5 1.5 1.5 1.6 1.7	4.5 8.4 7.9 2.2 9.2	1.8 2.6 3.4 4.8 3.9
E-5	HORIZON HORIZON C HORIZON OMNI HORIZON OMNI C HORIZON	/	105-2 105-2 105-2 105-2 105-2 105-2	A-3 A-3 M-4 M-4 M-4 M-4	2500 2500 2500 2500 2500 2500	3.48 3.48 3.74 3.37 3.37 3.58	0.31 0.21 0.39 0.40 0.51 0.66	1.4 1.3 0.65 1.7 1.8 1.3	12. 5.6 8.3 12. 6.7 7.7	2.4 3.4 4.2 2.2 3.2 3.7
E-6	MONACO FURY WAGON CHARGER SE/MAG XF LEHARON	/	360-2 360-2 360-2 360-2 360-2	A-3 L-3 L-3 L-3 L-3	4500 4500 5000 4500 4500	3.21 2.45 2.71 2.45 2.45	0.43 0.55 0.60 0.62 0.67	2.0 1.8 1.4 1.7 1.4	7.7 12. 11. 11. 11.	4.7 4.4 3.9 4.0 5.6

1974 MODEL YEAR LIGHT-DUTY VEHICLES											
MANUFACTURER	FAMILY/VAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CAR/TRUCK COVERED	VEHICLE CATEGORY	EMISSION CONTROL SYSTEM	VEHICLE CLASS	ENGINE DISP. A CAN	T R N	INERTIA A W S	WEIGHT A L F	CERTIFICATION LEVELS		
									EXHAUST EMISSION (GRAMS/MILE)	OXIDES OF NITROGEN	HYDRO- CARBONS (GRAMS/MILE)
CHRYSLER -- EVAP-EMISSION FAMILY TEST											
EVALUATIVE-EMISSION FAMILY TEST VEHICLES											
F-7	FURY VOLARE WAGON DIPLOMAT		AIR/OC / EGR/ / AIR/OC / EGR/ /	/ CAN / CAN	318-2 318-2	A-3 L-3	4500 4500	2.71 2.45	0.59 0.80	2.0 1.5	3.2 2.5
									0.62	1.3	3.2
F-9	C-CORDONA CHRYSLER C MONACO C MONACO C MONACO CHRYSLER FURY		AIR/OC / EGR/ / AIR/OC / EGR/ / AIR/OC / EGR/ / AIR/OC / EGR/ / AIR/OC / EGR/ / AIR/OC / EGR/ / OC / / /	/ CAN / CAN / CAN / CAN / CAN / CAN / CAN	360-4 400-4 440-4 440-4 440-4 440-4 440-4	A-3 L-3 A-3 A-3 A-3 A-3 A-3	4500 5000 5500 5000 5500 5500 5000	3.21 2.71 2.71 3.21 3.21 2.71 3.21	0.64 0.84 0.93 0.27 1.3 1.4 0.65	8.4 8.4 3.3 2.8 8.7 6.1 5.0	1.5 1.5 1.6 1.3 2.0 1.9 1.5
											3.6 3.5 5.0 3.6 4.5 3.9 3.1
EXHAUST-EMISSION FAMILY TEST VEHICLES											
EXCALIBUR AUTOS -- EVAP-EMISSION FAMILY TEST	EXCALIBUR (454)		AIR/FGH/OTH/ / AIR/FGH/OTH/ /	/ CAN / CAN	454-4 454-4	A-3 A-3	4500 4500	2.73 2.73	0.98 1.100	1.9 1.100	4.9 N/A
										N/A	0.0
EVAPORATIVE-EMISSION FAMILY TEST VEHICLES											
EXCALIBUR AUTOS -- EVAP-EMISSION FAMILY TEST	EXCALIBUR (179)		AIR/FGH/OTH/ / AIR/FGH/OTH/ /	/ CAN / CAN	454-4 454-4	A-3 A-3	4500 4500	2.73 2.73	0.98 0.74	1.9 1.3	4.9 4.2
EVAPORATIVE-EMISSION FAMILY TEST VEHICLES											
EXCALIBUR AUTOS -- EVAP-EMISSION FAMILY TEST	EXCALIBUR (179)		AIR/OC / OTH/ / AIR/OC / OTH/ /	/ CAN / CAN	454-4 454-4	A-3 A-3	3500 3500	3.70 3.70	0.74 0.74	1.3 1.3	4.2 4.2

NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1974 400EL YI AH LIGHT-DUTY VEHICLES

[illegible]

*NOTE: THIS VEH GENERATED EVAP EMTS AS WELL AS EXH EMTS TEST RESULTS! A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH FVAP EMTS FAMILY IS PROVIDED IN THE EVAP EMTS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMTS AS WELL AS EXH EMTS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMTS FAMILY IS PROVIDED IN THE EVAP EMTS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER EXH-EMISS FAMILY/FVAP-EMISS FAM (CUMIC INCH DISPLACEMENT) CARLINS COVERED	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARD	INERTIA WEIGHT N CLASS	AXLE RATIO	CERTIFICATION LEVELS			
						EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	HYDRO- CARBONS	EXHAUST EMISSION (GRAMS/MILE)
EQU--FAMILY COMBINATIONS REPRESENTED									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
B250A1X95 / GC (CONT.) MONARCH	MONARCH	OC / FGR / AIR/OC / FGR /	250-1 250-1	A-J H-4	3500 3500	2.47 3.00	1.0 0.75	1.4 1.4	2.2 * N/A
(EXHAUST DETERIORATION FACTORS FOR (EXHAUST DETERIORATION FACTORS FOR (FVAPOR, DETERIORATION FACTORS FOR		OC / FGR / AIR/OC / FGR / OC / FGR / AIR/OC / FGR /	FAMILY B250A1X95 FAMILY B250A1X95 FAMILY GC				1.2105 1.453 N/A	1.000 1.000 N/A	N/A) N/A) 0.317
H351M2X160 / LC L (351,400) FORD	FORD	AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR /	351-2 351-2 351-2 400-2	A-3 A-3 A-3 A-3	5000 4500 4500 5000	2.47 2.50 2.50 3.00	0.60 0.40 0.53 0.44	1.1 0.72 1.1 1.7	N/A 2.8 * 6.0 * 1.9 *
C LTD II C COUGAR/COLGAR XR7 C RANCHERO C THUNDERBIRD C FORD C FORD WAGON C MERCURY C MERCURY WAGON C LINCOLN CONT. C CONT. MARK V	C THUNDERBIRD C LTD II C COUGAR/COLGAR XR7 C RANCHERO C THUNDERBIRD C FORD C FORD WAGON C MERCURY C MERCURY WAGON C LINCOLN CONT. C CONT. MARK V	AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR /	351-2 351-2 351-2 400-2 400-2 400-2 400-2 400-2 400-2 400-2 400-2	A-3 A-3 A-3 A-3 A-3 A-3 A-3 A-3 A-3 A-3 A-3	5000 4500 4500 5000 5000 5000 5000 5000 5000 5000 5000	2.47 2.50 2.50 2.47 3.00 3.00 2.75 2.75 2.75 2.75 2.75	0.60 0.40 0.53 0.44 0.81 0.56 0.56 0.56 0.56 0.56 0.56	1.1 0.72 1.1 1.7 1.4 2.0 2.0 2.0 2.0 2.0 2.0	N/A 2.8 * 6.0 * 1.9 * 2.4 * 1.7 *
(EXHAUST DETERIORATION FACTORS FOR (EXHAUST DETERIORATION FACTORS FOR (FVAPOR, DETERIORATION FACTORS FOR		AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR / AIR/OC / FGR /	FAMILY B351M2X160 FAMILY LC L				1.426 N/A	1.063 N/A	N/A) 0.0)
F1-561X136 / C (98) C FIESTA	C FIESTA	AIR/OC / FGR / AIR/OC / FGR /	98-2 98-2	M-4 M-4	2000 2000	3.58 3.58	0.24 0.24	1.1 1.1	N/A N/A

*NOTE: THIS VEH GENERATED FVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH FVAP EMISS FAMILY IS PROVIDED IN THE FVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER										CERTIFICATION LEVELS	
FORD - FORD -											

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXHAUST EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER		EXH-EMISS. FAMILY/VAP-EMISS. FAM. (CURRIC THCH DISPLACEMENT)		VEHICLE CAPLINE REPRESENTED		EMISSION CONTROL SYSTEM		ENGINE DISPL. & CARB. VENTILATION		INERTIA WEIGHT CLASS		HYDRO-CARBONS, MONOXIDE, NITROGEN OXIDES		FERTILIZATION LEVELS EXHAUST EMISSION (GRAMS/HPLY)		FERTILIZATION LEVELS FERTILIZATION	
FORD		FAMILY COMBINATIONS-CERTIFIED		FAMILY COMBINATIONS-CERTIFIED		EMISSION CONTROL SYSTEM		ENGINE DISPL. & CARB. VENTILATION		INERTIA WEIGHT CLASS		HYDRO-CARBONS, MONOXIDE, NITROGEN OXIDES		FERTILIZATION LEVELS EXHAUST EMISSION (GRAMS/HPLY)		FERTILIZATION LEVELS FERTILIZATION	
F2.3A1X95 / HH (CONT.)		FAIRMONT		FAIRMONT		AIR/OC /EGR/ /		140-2		H-4		3000		3.08		1.5	
F2.3A1X95 / HH (CONT.)		PINTO WAGON		PINTO WAGON		AIR/OC /EGR/ /		140-2		H-4		3000		3.18		0.66	
F2.3A1X95 / HH (CONT.)		PINTO		PINTO		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		ZEPHYR		ZEPHYR		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4		2750		2.73		0.59	
F2.3A1X95 / HH (CONT.)		HOBACAT WAGON		HOBACAT WAGON		AIR/OC /EGR/ /		140-2		H-4</							

*NOTE: THIS VEH GENERATED EVAP EMIS AS WELL AS EXH EMIS TEST RESULTS. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMIS FAMILY IS PROVIDED IN THE EVAP EMIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS. FAMILY/VEAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINE'S COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. L	INERTIA WEIGHT N CLASS	AXLE RAILS	HYDRO- CARBONS	HYDRO- MONOXIDE	NITROGEN	CARBONS	CERTIFICATION LEVELS			
										EXHAUST EMISSION (GRAMS/MILE)	EVAPOR. EMISSIONS (GRAMS)		
												FAMILY F200H1X95 FAMILY AH A	FAMILY F200S1X160 FAMILY AA A
FORD -- FAMILY COMBINATIONS CERTIFIED													
EXHAUST EMISSION FAMILY TEST VEHICLES													
F200H1X95 / AH A (CONT.)													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	1.144	1.152		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	N/A	N/A		
F200S1X160 / AA A													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	0.46	4.2		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	N/A	1.4		
F302AV1X160 / EB E													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	1.342	1.207		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	N/A	N/A		
F302AV1X160 / IA I													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	0.27	0.65		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	0.36	2.1		
F302AV1X160 / TA I													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	1.212	1.305		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	N/A	N/A		
F302AV1X160 / FA F													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	0.52	3.1		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	N/A	1.2		
F302AV1X160 / TA I													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	1.212	1.305		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	N/A	N/A		
F302AV1X160 / FA F													
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGH/	/	/	/	/	/	/	/	0.56	4.6		
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/	/	/	/	/	/	0.81	6.8		

*NOTE: THIS VEH. GENERATED EVAP. EMISS. AS WELL AS EXH. EMISS. TEST RESULTS. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP. EMISS. FAMILY IS PROVIDED IN THE EVAP. EMISS. FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

CERTIFICATION LEVELS										
EXHAUST EMISSION (GRAMS/MILE)		HYDRO-CARBONS		CARBON MONOXIDE		OXIDES OF NITROGEN		EVAPORATION EMISSIONS (GRAMS)		HYDRO-CARBONS
EUBD -- FAMILY COMBINATIONS CERTIFIED										
EXHAUST-EMISSION FAMILY TEST VEHICLES										
F302A1X95 / FA F (CONT.)										
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGR/		/		FAMILY F302A1X95		1.167		1.571
(EVAPOR., DETERIORATION FACTORS FOR -		/		/CAN		FAMILY FA F		N/A		N/A
F302A1X95 / JA J										
(MUSTANG II		AIR/OC /EGR/		/		102-2 M-4 3500		0.81		9.1
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGR/		/		FAMILY F302A1X95		1.167		1.571
(EVAPOR., DETERIORATION FACTORS FOR -		/		/CAN		FAMILY JA J		N/A		N/A
F302HVI136 / EC E										
(VERSAILLES		AIR/OC /EGR/		/		302-2 A-3 4000		1.0		4.1
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC /EGR/		/		FAMILY F302HVI136		1.805		1.040
(EVAPOR., DETERIORATION FACTORS FOR -		/		/CAN		FAMILY EC E		N/A		N/A
F302C2X132 / LA L										
(LTD II		AIR/OC /EGR/		/		302-2 A-3 4500		0.51		3.6
(COUGAR/COUGAR XR7		AIR/OC /EGR/		/		302-2 A-3 4500		0.64		3.5
F302D1X95 / FH F										
(GRANADA		OC /EGR/		/		FAMILY F302C2X132		1.16H		1.000
(MONARCH		OC /EGR/		/		FAMILY LA L		N/A		N/A
F302D1X95 / FH F										
(FAIRMONT WAGON		OC /EGR/		/		302-2 A-3 4000		0.82		6.7
(FAIRMONT		OC /EGR/		/		302-2 A-3 3500		1.1		8.0
F302D1X95 / FH F										
(GRANADA		OC /EGR/		/		302-2 A-3 4000		0.82		6.7
(MONARCH		OC /EGR/		/		302-2 A-3 3500		1.1		8.0
F302D1X95 / FH F										
(FAIRMONT WAGON		OC /EGR/		/		302-2 A-3 4000		0.82		6.7
(FAIRMONT		OC /EGR/		/		302-2 A-3 3500		1.1		8.0
F302D1X95 / FH F										
(ZEPHYR WAGON		OC /EGR/		/		302-2 A-3 4000		0.82		6.7
(ZEPHYR		OC /EGR/		/		302-2 A-3 3500		1.1		8.0

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA R A WEIGHT N CLASS S	AXLE RATIO	CERTIFICATION LEVELS			
						EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	MONOXIDE NITROGEN	EVAPOR- EMISSIONS (GRAMS)
FORD -- FAMILY COMBINATIONS CERTIFIED									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
F302D1X95 / FH F (CONT.)									
(EXHAUST DETERIORATION FACTORS FOR -		OC / EGR /	/	/		1.316	1.000	1.107	N/A 1
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/		N/A	N/A	N/A	0.868)
F302D1X95 / JR J									
MUSTANG II		OC / EGR /	/	/	3500	1.0	1.0	2.0	4.0 *
(EXHAUST DETERIORATION FACTORS FOR -		OC / EGR /	/	/		1.316	1.000	1.107	N/A 1
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/		N/A	N/A	N/A	0.868)
F351WC2X132 / LH L									
LTD II		OC / EGR /	/	/	4500	0.72	1.0	1.8	1.8 *
COUGAR/COUGAR XR7		OC / EGR /	/	/	4500	0.56	1.0	1.9	1.6 *
THUNDERBIRD									
RANCHERO									
FORD									
(EXHAUST DETERIORATION FACTORS FOR -		OC / EGR /	/	/		1.004	1.000	1.000	N/A 1
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/		N/A	N/A	N/A	0.0 1)
F460A2X160 / TOA TO									
(460)									
FORD									
FORD WAGON		AIR/OC / EGR /	/	/	5500	0.59	9.7	1.7	N/A
MERCURY		AIR/OC / EGR /	/	/	5500	0.50	8.8	1.4	2.9 *
CONT. MARK V		AIR/OC / EGR /	/	/	5500	0.40	5.6	1.8	N/A
MERCURY WAGON		AIR/OC / EGR /	/	/	5000	0.85	7.5	1.3	2.8 *
CONT. MARK V									
LINCOLN CONT.									
(EXHAUST DETERIORATION FACTORS FOR -		AIR/OC / EGR /	/	/		1.162	1.091	1.000	N/A 1
(EVAPOR. DETERIORATION FACTORS FOR -		/	/	/		N/A	N/A	N/A	0.0 1)
F460H2X132 / TOH TO									
(460)									
FORD									
MERCURY		AIR/OC / EGR /	/	/	5000	0.44	6.6	1.7	2.5 *

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER EXH-AUTOMOBILE FAMILY (VAPOR-EMISSIONS) CLASS (DISPLACEMENT) CAR (DISPLACEMENT)	VEHICLE NAME MODEL YEAR	EMISSION CONTROL SYSTEM	VEHICLE CLASS	THERMAL INERTIA WEIGHT (LBS)	EXHAUST EMISSIONS (GRAMS/MILE)	CERTIFICATION LEVELS			
						HYDROCARBONS (PPHM)	NITROGEN (PPHM)	OZONE (PPHM)	HYDROCARBONS (PPHM)
EVAPORATIVE EMISSIONS FAMILY TEST VEHICLES									
AC A	C FAIRMONT	AIR/OC /EGH/	/CAN	200-1 A-3 3000	1.08	0.94	1.1	1.8	0.86
HA B	C FAIRMONT	AIR/OC /EGH/	/CAN	140-2 M-4 3000	3.08	0.51	3.7	1.2	1.1
HB B	C MUSTANG II	AIR/OC /EGH/	/CAN	140-2 M-4 3000	3.18	0.51	3.7	1.2	1.1
C	FAIRMONT	OC /EGH/	/CAN	140-2 A-3 3000	3.08	0.54	14	1.3	1.1
	FORCATE	OC /EGH/	/CAN	140-2 A-3 2750	3.18	0.33	7.7	1.6	2.0
	FAIRMONT	AIR/OC /EGH/	/CAN	140-2 M-4 3000	3.08	1.5	9.9	1.4	1.2
	PINTO	AIR/OC /EGH/	/CAN	140-2 M-4 2750	2.73	0.54	2.8	2.9	1.2
C	Fiesta	AIR/OC /EGH/	/CAN	98-2 M-4 2000	3.58	0.84	7.7	1.2	3.2
	MUSTANG II	AIR/OC /EGH/	/CAN	171-2 A-3 3500	3.40	1.1	8.5	1.3	2.6
DA D	PINTO WAGON	AIR/OC /EGH/	/CAN	171-2 A-3 3000	3.40	1.1	6.7	1.3	2.3
EA E	C PINTO WAGON	AIR/OC /EGH/	/CAN	171-2 A-3 3000	3.40	0.35	4.6	0.79	4.6
EH E	C GRANADA	AIR/OC /EGH/	/CAN	302-2 A-3 4000	2.47	0.27	0.65	1.5	3.4
	C FAIRMONT	AIR/OC /EGH/	/CAN	102-2 A-3 3500	2.73	0.36	2.1	1.1	2.4
EC E	VERSAILLES	AIR/OC /EGH/	/CAN	302-2 A-3 4000	2.75	1.0	4.1	1.7	2.9
FA F	FAIRMONT	AIR/OC /EGH/	/CAN	102-2 A-3 3500	2.73	0.56	4.6	1.7	1.4
	HONARCH	AIR/OC /EGH/	/CAN	102-2 M-4 4000	3.00	0.83	6.8	1.8	2.6
FH F	FAIRMONT WAGON	OC /EGH/	/CAN	302-2 A-3 3500	2.73	1.1	8.0	1.4	3.0
	GRANADA	OC /EGH/	/CAN	102-2 A-3 4000	2.47	0.82	6.7	1.5	2.1
GA G	FAIRMONT	AIR/OC /EGH/	/CAN	200-1 M-3 3000	3.08	0.94	6.6	1.8	1.8
GH G	C GRANADA	AIR/OC /EGH/	/CAN	250-1 A-3 3500	2.47	0.41	2.4	1.2	2.1

1978 MODEL YEAR LIGHT-DUTY VEHICLES											
MANUFACTURER EXH-EMISS FAMILY/LVAP-EMISS FAM (CURRIC INCH DISPLACEMENT) CARLINS COVERED	VEHICLE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB VENTILATION	INERTIA A WEIGHT N CLASS	AXLE RATIO	CERTIFICATION LEVELS					
						EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	OXIDES OF NITROGEN	EVAPOR- EMISSIONS		
EVAPORATIVE EMISSION FAMILY TEST VEHICLES											
GC G	MONARCH	OC / EGR /	/ CAN	250-1	A-3	3500	2.47	1.0	8.8	1.4	2.2
IA I	C MUSTANG II	AIR/OC / EGR /	/ CAN	302-2	A-3	3500	3.00	0.52	3.1	1.2	3.4
JA J	MUSTANG II	AIR/OC / EGR /	/ CAN	302-2	M-4	3500	3.00	0.83	9.1	1.7	2.6
JH J	MUSTANG II	OC / EGR /	/ CAN	302-2	A-3	3500	2.79	1.0	12.	2.0	4.0
LA L	LTD II FORD	AIR/OC / EGR / AIR/OC / EGR /	/ CAN / CAN	302-2 102-2	A-3 A-3	4500 4500	2.75 2.75	0.51 0.68	3.6 3.5	1.5 1.8	1.8 1.9
LH L	FORD THUNDERBIRD	OC / EGR / OC / EGR /	/ CAN / CAN	351-2 351-2	A-3 A-3	4500 4500	2.47 2.50	0.72 0.56	10. 10.	1.8 1.9	1.8 1.6
LC L	C THUNDERBIRD LTD II CONH. MARK V FORD FORD WAGON	AIR/OC / EGR / AIR/OC / EGR / AIR/OC / EGR / AIR/OC / EGR /	/ CAN / CAN / CAN / CAN	351-2 351-2 400-2 400-2	A-3 A-3 A-3 A-3	4500 4500 5000 5000	2.50 2.50 2.47 3.00	0.40 0.53 0.56 0.44	11. 11. 3.6 8.6	0.72 1.1 2.0 1.7 1.4	2.8 6.0 1.7 1.9 2.4
MA M	C PINTO	AIR/EGH/OC / TWC /	/ CAN	140-2	M-4	2750	2.73	0.51	2.0	0.66	1.4
MI M	C PINTO	AIR/EGH/OC / TWC /	/ CAN	140-2	M-4	2750	2.73	0.42	3.4	0.77	1.5
NA N	C FIESTA	AIR/OC / EGR /	/ CAN	98-2	M-4	2000	3.58	0.24	3.2	1.1	1.9
NH N	FIESTA	AIR/OC / EGR /	/ CAN	98-2	M-4	2000	3.58	0.80	6.4	1.8	3.8
TNA TN	C FORD	AIR/OC / EGR /	/ CAN	400-2	A-3	5000	2.47	0.61	6.5	1.0	2.4

1978 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER FAMILY/CLASS (CUBIC INCH DISPLACEMENT) CAUTION: S COVERED	VEHICLE CATEGORY REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLE CLASS	ENGINE DISPLACEMENT (LITERS)	INERTIA WEIGHT (LBS)	AXLE RATIO	HYDROCARBONS (GRAMS/MILE)	NITROGEN OXIDES (GRAMS/MILE)	EVAPORATIVE EMISSIONS (GRAMS/MILE)
EVAPORATIVE EMISSION FAMILY TEST VEHICLES									
TOA TO	FORD WAGON CONF. MARK V	AIR/OC	/CAN	460-4	A-3 5500	2.50	0.50	1.4	2.9
TOH TO	FORD	AIR/OC	/CAN	460-4	A-3 5000	2.50	0.85	1.3	2.8
EVAPORATIVE EMISSION FAMILY TEST VEHICLES									
TOA TO	FORD	AIR/OC	/CAN	460-4	A-3 5000	3.00	0.44	1.7	2.5
EXHAUST EMISSION FAMILY TEST VEHICLES									
SUZUKI (97)	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	A-3 2500	3.81	0.69	1.4	1.8
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-4 2500	3.89	0.29	1.1	4.8
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-4 2500	3.89	0.96	1.4	5.0
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2250	3.70	1.2	1.6	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	0.93	1.7	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON	AIR/EGH	/CAN	97-2	M-5 2500	3.70	1.00	1.00	N/A
SUZUKI C SUZUKI WAGON	SUZUKI C SUZUKI WAGON								

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/EXH-EMISS FAM (CURRIC INCH DISPLACEMENT) CARLINS COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. A CARB. N	INERTIA A WEIGHT N CLASS	AXLE RATIO	CERTIFICATION LEVELS			
						EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	OXIDES OF NITROGEN	EVAPOR. EMISSIONS (GRAMS)
GENERAL MOTORS--FAMILY CORRELATIONS CERTIFIED									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
B10A2F / 110CH BHDV (250)	MALIBU	/	200-2	A-3	3500	2.73	0.45	8.1	N/A
	EL CAMINO	/	200-2	A-3	3500	2.73	0.70	9.3	1.6 *
	MALIBU WAGON	/	200-2	M-3	3500	2.73	0.71	8.5	N/A
	CORALLERO	/	200-2	M-3	3500	2.73	0.54	4.9	1.3 *
	MONTE CARLO	/	200-2	M-3	3500	2.73	0.54	4.9	1.3 *
B10F1H / 110BV (250)	EXHAUST DETERIORATION FACTORS FOR -								
	(EVAPOR., DETERIORATION FACTORS FOR -								
	/								
	/								
	/								
B10F1SH / 110BV (250)	NOVA	/	250-1	A-3	4000	2.73	0.70	11.	N/A
	CHEVROLET	/	250-1	A-3	4000	2.73	0.44	9.0	1.6 *
	NOVA	/	250-1	M-3	3500	2.73	0.52	5.8	N/A
	NOVA	/	250-1	M-3	4000	2.73	0.61	5.9	1.9 *
	EXHAUST DETERIORATION FACTORS FOR -								
B10F1SH / 110BV (250)	(EVAPOR., DETERIORATION FACTORS FOR -								
	/								
	/								
	/								
	/								
B10J4S / 110CH BHDV (350)	C NOVA	/	250-1	A-3	4000	2.73	0.46	5.0	N/A
	CHEVROLET	/	250-1	A-3	4000	2.73	0.31	2.7	2.6 *
	CAMARO	/	250-1	A-3	4000	2.73	0.40	2.2	N/A
	CAMARO	/	250-1	A-3	4000	2.73	0.40	2.2	N/A
	EXHAUST DETERIORATION FACTORS FOR -								
B10J4S / 110CH BHDV (350)	(EVAPOR., DETERIORATION FACTORS FOR -								
	/								
	/								
	/								
	/								
B10J4S / 110CH BHDV (350)	C CORVETTE	/	350-4	A-3	4000	3.55	0.28	0.34	N/A
	CHEVROLET WAGON	/	350-4	A-3	4500	2.56	0.34	2.4	N/A
	CHEVROLET	/	350-4	A-3	4000	2.56	0.31	3.1	N/A
	CHEVROLET	/	350-4	A-3	4000	2.56	0.31	3.1	N/A
	CHEVROLET	/	350-4	A-3	4000	2.56	0.31	3.1	N/A
B10J4S / 110CH BHDV (350)	C CORVETTE	/	350-4	A-3	4000	3.55	0.28	0.34	N/A
	CHEVROLET WAGON	/	350-4	A-3	4500	2.56	0.34	2.4	N/A
	CHEVROLET	/	350-4	A-3	4000	2.56	0.31	3.1	N/A
	CHEVROLET	/	350-4	A-3	4000	2.56	0.31	3.1	N/A
	CHEVROLET	/	350-4	A-3	4000	2.56	0.31	3.1	N/A

*NOTE: THIS VEH GENERATED EVAP FMS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP FMS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER		EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED		VEHICLE CARLINE REPRESENTED		EMISSION CONTROL SYSTEM		VEHICLES		INERTIA A WEIGHT N CLASS		AXLE RATIO		HYDRO- CARBONS		CARBON MONOXIDE		NITROGEN OXIDES		CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		EVAPOR- EMISSIONS (GRAMS)	
GENERAL MOTORS--FAMILY COMBINATIONS CERTIFIED																							
EXHAUST-EMISSION FAMILY TEST VEHICLES																							
R10J45 / HFCH RHV (CONT.)																							
CHEVROLET																							
CHEVROLET WAGON																							
NOVA																							
PHOENIX																							
OMEGA																							
SKYLARK																							
EL CAMINO																							
CADILLAC																							
MALIBU WAGON																							
CUTLASS CRUISER WG																							
CENTURY WAGON																							
CAMARO																							
FIREBIRD																							
LEMAN SAFARI WG																							
C CAMARO																							
C FIREBIRD																							
EXHAUST DETERIORATION FACTORS FOR - AIR/OC /EGR/OTR/																							
(EVAPOR. DETERIORATION FACTORS FOR -																							
FAMILY R10J45																							
FAMILY BFCH RHV																							
R10J45 / HFVL RHV																							
C CORVETTE																							
C CORVETTE																							
CORVETTE																							
C CORVETTE																							
C FIREBIRD																							
C CHEVROLET WAGON																							
C CHEVROLET WAGON																							
C CAMARO																							
CORVETTE																							
EXHAUST DETERIORATION FACTORS FOR - AIR/OC /EGR/OTR/																							
(EVAPOR. DETERIORATION FACTORS FOR -																							
FAMILY R10J45																							
FAMILY BFVL RHV																							
R10L4 / HFCH RHV																							
(J05, J50)																							
CHEVROLET																							
NOVA																							
EL CAMINO																							
CENTURY WAGON																							
CUTLASS CRUISER WG																							
REGAL																							

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER		EXH-EMISS FAMILY/EXH-EMISS FAM (CURIC INCH DISPLACEMENT)		VEHICLE CARLINE REPRESENTED		EMISSION CONTROL SYSTEM		ENGINE DISP. & CARB		T R A N S- MIS- S		INERTIA WEIGHT CLASS		AXLE RATIO		HYDRO- CARBONS		MONOXIDE		NITROGEN		OXIDES OF		CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		EVAPOR- EMISSIONS (GRAMS)	
GENERAL BUICKS--FAMILY COMBINATIONS CERTIFIED																											
EXHAUST-EMISSION FAMILY TEST VEHICLES																											
R10L4 / R10L4 RHV (CONT.)																											
CABALLERO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	150-4	A-3	4000	2.41	0.44	3.6	1.6	N/A														
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	N/A														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	2.4 *														
R10L4 / R10L4 RHV (CONT.)																											
CHEVROLET WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
CUTLASS	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CUTLASS SUPREME	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
LEMANS	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	A-3	4000	2.41	0.46	3.6	1.6	N/A														
CENTURY	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
REGAL	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	3500	2.29	0.67	6.0	2.0	N/A														
LEMANS SAFARI WG	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.41	0.61	9.1	1.4	N/A														
CENTURY WAGON	CHEVROLET	OC	/FGR/OTR/	/	/CAN	105-4	A-3	4000	2.73	0.67	5.7	1.4	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CORVETTE	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.36	0.88	3.4	1.6	2.6 *														
CAMARO	CHEVROLET	OC	/FGR/OTR/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8	N/A														
R10L4 / R10L4 RHV (CONT.)																											
CUTLASS CRUISER WG	CHEVROLET	OC	/FGR/OTR/	/</																							

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/VEAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARD	T INERTIA R A WEIGHT N CLASS	SALE (LBS)	RATIO	CERTIFICATION LEVELS			
							EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	MONOXIDE NITROGEN	EVAPOR- EMISSIONS (GRAMS)
GENERAL MOTORS - FAMILY COMBINATIONS CERTIFIED										
EXHAUST-EMISSION FAMILY TEST VEHICLES										
R10M1 / RABV (CONT.)										
EXHAUST DETERIORATION FACTORS FOR - OC / FGR /										
(EVAPOR, DETERIORATION FACTORS FOR - / / / /CAN FAMILY R10M1										
R10M1U / RABV										
(9M)										
C CHEVETTE			98-1	A-3	2500	4.11	0.29	5.1	0.96	5.7 *
C CHEVETTE			98-1	A-3	2250	3.70	0.27	4.1	0.92	N/A
C CHEVETTE			98-1	A-3	2500	4.11	0.46	1.6	1.0	2.6 *
C CHEVETTE			98-1	A-3	2500	3.70	0.29	3.3	1.2	2.9 *
C CHEVETTE			98-1	H-4	2250	4.11	0.34	6.9	0.94	N/A
C CHEVETTE			98-1	H-4	2500	4.11	0.34	6.2	1.1	N/A
(EXHAUST DETERIORATION FACTORS FOR - AIR/OC / FGR /										
(EVAPOR, DETERIORATION FACTORS FOR - / / / /CAN FAMILY R10M1U										
R10Y2 / RCHH BHCV										
(30S)										
CHEVROLET			305-2	A-3	4000	2.41	0.52	14.	1.2	N/A
PONTIAC			305-2	A-3	3500	2.29	0.44	8.1	1.9	N/A
MALIBU WAGON			305-2	A-3	4500	2.56	0.49	9.7	1.5	N/A
LEMAN'S SAFARI WAGON			305-2	H-4	3500	3.08	0.65	5.4	1.6	3.6 *
EL CAMINO			305-2	H-4	4000	3.08	0.77	7.4	1.6	1.6 *
CADILLAC										
CENTURY WAGON										
NUVA										
SKYLARK										
CHEVROLET WAGON										
MALIBU										
MONTY CARLO										
LEMAN'S										
CENTURY										
REGAL										
MUNTA										
SUNBIRD										
STAFFORD										
CARADO										
FIREHAWK										
PHOENIX										

*NOTE: THIS VEH GENERATED EVAP-EMISS AS WELL AS EXH-EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH TVAP THIS FAMILY IS PROVIDED IN THE TVAP THIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

GENERAL NOTES -- FAMILY COMBINATIONS CERTIFIED										
EXHAUST-EMISSION-FAMILY TEST VEHICLES										
VEHICLE CARLINE REPRESENTED										
EMISSION CONTROL SYSTEM										
ENGINE DISP. & CARB										
T INERTIA R A WEIGHT N CLASS										
AXLE RATIO										
HYDRO-CARBONS MONOXIDE										
OXIDES OF NITROGEN										
EVAPOR-EMISSIONS (GRAMS/MILE)										
CERTIFICATION LEVELS										
CARLINES COVERED										
EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT)										
MANUFACTURER										

R2054 / RFPB RHV (CONT.)	(EXHAUST DETERIORATION FACTORS FOR -	OC	/FGR/OTR/	/	/	/	FAMILY B2054	1.157	1.037	1.080	N/A	N/A
	(EVAPOR. DETERIORATION FACTORS FOR -	/	/	/	/	/	FAMILY UFPB RHV	N/A	N/A	N/A	0.0	0.0
C MONZA	AIR/OC	/FGR/OTR/	/	/	/	/	151-2 A-3 3000 2.93	0.38	6.1	1.7	1.9	1.9
C SUNHIRD												
C SUNHIRD SAFARI WG												
C STAFFIRE												
C MONZA WAGON												
	(EXHAUST DETERIORATION FACTORS FOR -	AIR/OC	/FGR/OTR/	/	/	/	FAMILY B20X2E	1.1301	1.124	1.129	N/A	N/A
	(EVAPOR. DETERIORATION FACTORS FOR -	/	/	/	/	/	FAMILY BFP RHV	N/A	N/A	N/A	0.0	0.0
R20X2U / RFP RHV												
(151)												
C MONZA	OC	/FGR/OTR/	/	/	/	/	151-2 A-3 3000 2.73	0.65	13.	1.1	N/A	N/A
C MONZA WAGON	OC	/FGR/OTR/	/	/	/	/	151-2 A-3 3000 3.08	0.87	13.	1.2	N/A	N/A
C SUNHIRD	OC	/FGR/OTR/	/	/	/	/	151-2 A-3 3500 3.42	0.56	12.	1.7	1.5	1.5
C SUNHIRD SAFARI WG	OC	/FGR/OTR/	/	/	/	/	151-2 M-4 3000 3.08	0.81	7.7	1.8	1.5	1.5
C STAFFIRE	OC	/FGR/OTR/	/	/	/	/	151-2 M-4 3000 2.73	1.0	9.1	1.5	N/A	N/A
C SUNHIRD	OC	/FGR/OTR/	/	/	/	/	151-2 M-5 3000 3.23	0.86	6.4	1.9	1.2	1.2
C PHOENIX	OC	/FGR/OTR/	/	/	/	/	FAMILY B20X2U	1.145	1.059	1.042	N/A	N/A
	(EXHAUST DETERIORATION FACTORS FOR -	OC	/FGR/OTR/	/	/	/	FAMILY BFP RHV	N/A	N/A	N/A	0.0	0.0
	(EVAPOR. DETERIORATION FACTORS FOR -	/	/	/	/	/		N/A	N/A	N/A	0.0	0.0
R20X6EU / HECL RHV												
(151)												
C MONZA	TWC	/FGR/OTR/	/	/	/	/	151-2 A-3 3000 2.73	0.38	5.7	1.2	N/A	N/A
C MONZA WAGON												
C SUNHIRD												
C STAFFIRE												
C SUNHIRD SAFARI WG												
C MONZA WAGON												
	(EXHAUST DETERIORATION FACTORS FOR -	TWC	/FGR/OTR/	/	/	/	FAMILY B20X6EU	1.454	1.221	1.301	N/A	N/A
	(EVAPOR. DETERIORATION FACTORS FOR -	/	/	/	/	/	FAMILY BFP RHV	N/A	N/A	N/A	0.0	0.0

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

[illegible]

•NOTE: THIS VEH GENERATED EVAP EMIS AS WELL AS EXH THIS TEST RESULT A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SELECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER
EXH-EMISS FAMILY/EVAP-EMISS FAM
(CUBIC INCH DISPLACEMENT)
CARLINES COVERED

VEHICLE CARLINE
REPRESENTED

GENERAL MOTORS -- FAMILY COMBINATIONS DERIVED

EXHAUST-EMISSION FAMILY TEST VEHICLES

B30M4U / HFO HBFV (CONT.)

EXHAUST DETERIORATION FACTORS FOR -	AIR/OC	/EGR	/	/CAN	FAMILY B30M4U	BHFV	EXHAUST-EMISSION FAMILY TEST VEHICLES		CLASSIFICATION LEVELS	
							1.015	1.000	1.000	EXHAUST EMISSION (GRAMS/MILE)
B30M4U / HFO HBFV										
(150.403)										
CUTLASS SUPREME	UC /EGR/	/	/	/CAN	350-4	A-3 4500	3.08	1.2	8.4	1.7
CUTLASS CRUISER WG	UC /EGR/	/	/	/CAN	350-4	A-3 4000	3.08	1.5	9.5	1.6
DELTA RB	OC /EGR/	/	/	/CAN	403-4	A-3 4000	3.08	1.3	8.8	1.4
*FIREHTRD	OC /EGR/	/	/	/CAN	403-4	A-3 5000	3.07	0.99	4.5	1.6
OLDSMOBILE 9H	OC /EGR/	/	/	/CAN	403-4	A-3 4500	3.23	0.92	4.7	1.6
CUSTOM CRUISER WG	OC /EGR/	/	/	/CAN	403-4	A-3 4500	2.41	0.90	5.6	1.9
ESTATE WAGON	OC /EGR/	/	/	/CAN	403-4	A-3 5000	3.07	0.99	6.3	1.6
OLDSMOBILE 9H	OC /EGR/	/	/	/CAN	403-4	A-3 4500	3.07	0.99	6.3	1.6
*TORONADO	OC /EGR/	/	/	/CAN	403-4	A-3 5000	3.07	0.99	6.3	1.6

EXHAUST DETERIORATION FACTORS FOR -

(EVAPOR. DETERIORATION FACTORS FOR -

B30M4U / HFO HBFV

(150.403)

CUTLASS SUPREME

CUTLASS CRUISER WG

DELTA RB

*FIREHTRD

OLDSMOBILE 9H

CUSTOM CRUISER WG

ESTATE WAGON

OLDSMOBILE 9H

*TORONADO

DELTA RB

MONZA

MONTE CARLO

DELTA RB

SKYLARK

PHOENIX

FIREHTRD

SKYLARK

STAMP TRE

SUNLARK

CENTURY

EXHAUST DETERIORATION FACTORS FOR -

(EVAPOR. DETERIORATION FACTORS FOR -

B30M4U / HFO HBFV

(150.403)

CUTLASS SUPREME

CUTLASS CRUISER WG

DELTA RB

*FIREHTRD

OLDSMOBILE 9H

CUSTOM CRUISER WG

ESTATE WAGON

OLDSMOBILE 9H

*TORONADO

DELTA RB

MONZA

MONTE CARLO

DELTA RB

SKYLARK

PHOENIX

FIREHTRD

SKYLARK

STAMP TRE

SUNLARK

CENTURY

NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMTS AS WELL AS EXH EMTS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/EXH-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLE CLASS	A/F RATIO	HYDRO-CARBONS MONOXIDE	NITROGEN	CARBONS	CERTIFICATION LEVELS	
								EXHAUST EMISSION (GRAMS/MILE)	EVAPOR-EMISSIONS (GRAMS)
GENERAL-MOTORS--FAMILY COMBINATIONS CERTIFIED									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
840ESVT / HFHT RHV (231) C REGAL	C REGAL	AIR/OC /EGR/OTR/	AIR/OC /EGR/OTR/	231-04 A-3 3500 2.73	0.39	7.2	1.2	3.9	
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	FAMILY 840ESVT FAMILY HFHT RHV	1.018 N/A	1.044 N/A	1.000 N/A	N/A 0.0	
840ESVU / HFHT RHV (231) LESARHE CENTURY REGAL	REGAL LESARHE	AIR/OC /EGR/OTR/	AIR/OC /EGR/OTR/	231-4 A-3 3500 2.73	0.65	7.0	1.4	2.4	
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	FAMILY 840ESVU FAMILY HFHT RHV	1.421 N/A	1.462 N/A	1.000 N/A	N/A 0.0	
840ESVYU / HFHT RHV (231) C REGAL	C REGAL	AIR/OC /EGR/OTR/	AIR/OC /EGR/OTR/	231-4 A-3 3500 2.73	0.41	6.9	1.3	N/A	
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	FAMILY 840ESVYU FAMILY HFHT RHV	1.463 N/A	1.914 N/A	1.000 N/A	N/A 0.0	
840E6YU / HUCI RHV (CL. LOOP) (231) C SKYHAWK	C SKYHAWK	TWC/EGR/OTR/	TWC/EGR/OTR/	231-02 A-3 3500 2.56	0.27	8.7	0.94	2.1	
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	FAMILY 840E6YU FAMILY HUCI RHV (CL. LOOP)	1.000 N/A	1.295 N/A	1.000 N/A	N/A 0.0	
840J4U / HFPH RHV (350) LESARHE ESTATE WAGON RIVIERA FLECTHA CHEVROLET WAGON PONTIAC PONTIAC SAFARI WG CUSTOM CRUISER WG	FLECTHA LESARHE ESTATE WAGON RIVIERA FLECTHA CHEVROLET WAGON PONTIAC PONTIAC SAFARI WG CUSTOM CRUISER WG	OC /EGR/OTR/	OC /EGR/OTR/	350-4 A-3 4500 2.41	0.80	6.2	1.6	N/A	
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	FAMILY 840J4U FAMILY HUCI RHV (CL. LOOP)	1.000 N/A	1.295 N/A	1.000 N/A	N/A 0.0	

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/LVAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT CLASS	HYDRO- CARBONS	COXIDE OF NITROGEN	HYDRO- CARBONS	EMISSIONS (GRAMS/MILE)	CERTIFICATION LEVELS (GRAMS/MILE)

GENERAL NOTES -- FAMILY COMBINATIONS CERTIFIED

EXHAUST-EMISSION FAMILY TEST VEHICLES

R40J4U / HFPB HRFV (CONT.)									
(EXHAUST DETERIORATION FACTORS FOR - OC /FCR/OTR/ / / / CAN FAMILY R40J4U HRFV									
(EVAPOR. DETERIORATION FACTORS FOR - / / / / / / / / / /									
R40J0 / R1A (J50) C SEVILLE	C SEVILLE C SEVILLE	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	4500	2.56	0.42	7.2	1.0
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	4500	3.08	0.40	5.1	1.3
R40J0U / R1A (J50) SEVILLE	SEVILLE	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	4500	3.08	0.61	14.	1.3
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	4500	2.56	0.72	11.	1.7
R40J0U / R1A (J50) SEVILLE	SEVILLE	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	4500	2.56	0.72	11.	1.7
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	4500	2.56	0.72	11.	1.7
R40J0U / R1A (J25) C CADILLAC	C CADILLAC C CADILLAC	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	4500	2.28	0.60	11.	1.4
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.28	0.72	13.	1.6
R40J0U / R1A (J25) C CADILLAC	C CADILLAC C CADILLAC	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.28	0.34	3.9	1.3
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.28	0.34	3.9	1.3
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
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		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
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		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
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		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
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R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.34	3.8	1.2
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	2.73	0.25	5.1	1.6
		AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.34	1.1	1.4
R40V45 / HFC HRFV (J25)	C CADILLAC C CADILLAC C EL DORADO C EL DORADO	AIR/FI /OC /FCR/	AIR/FI /OC /FCR/	A-3	5000	3.08	0.51	9.6	1.1

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLES	ENGINE DISP. & CARB	INERTIA R WEIGHT N CLASS	AXLE S. CLASS	RATIO	CERTIFICATION LEVELS			
								EXHAUST EMISSION (GRAMS/MILE)		EVAPOR-EMISSIONS (GRAMS)	
								OXIDES OF NITROGEN	CARBON MONOXIDE	HYDRO- CARBONS	CARBON MONOXIDE
GENERAL MOTORS -- EVAP-EMISSION-FAMILY TEST VEHICLES											
HOCL HHV1CL (L. LOOP)	C SKYHAWK	/	/CAN	231-02	A-3	3500	2.56	0.27	8.7	0.94	2.1
HUPD HHV	DELTA 88	/	/CAN	260-2	A-3	4000	2.56	0.63	9.0	1.4	5.8
	C CUTLASS	AIR/OC /EGH/	/	/CAN	260-2	A-3	3500	2.78	0.20	2.4	1.3
	CUTLASS CRUISER WG	OC /EGH/	/	/CAN	260-2	A-3	4000	2.93	0.49	3.9	2.0
	LEMANS	OC /EGH/	/	/CAN	301-2	A-3	3500	2.79	0.54	5.5	1.6
	GRAND PRIZ	OC /EGH/	/	/CAN	301-2	A-3	4000	2.29	0.64	7.7	1.5
HFCL HHV	PHOENIX	TWC/EGH/	/	/CAN	151-2	A-3	3500	3.42	0.56	12.	1.7
	C MONZA	AIR/TWC/EGH/	/	/CAN	151-2	A-3	3000	2.93	0.38	6.1	1.7
	SUNHID SAFARI WG	TWC/EGH/	/	/CAN	151-2	M-4	3000	3.08	0.81	7.7	1.8
	SUNHID	TWC/EGH/	/	/CAN	151-2	M-5	3000	3.23	0.86	6.4	1.9
HHP HHV	C MONZA	AIR/OC /EGH/	/	/CAN	151-2	A-3	3000	2.93	0.38	6.1	1.7
	PHOENIX	OC /EGH/	/	/CAN	151-2	A-3	3500	3.42	0.56	12.	1.7
	SUNHID SAFARI WG	OC /EGH/	/	/CAN	151-2	M-4	3000	3.08	0.81	7.7	1.8
	SUNHID	OC /EGH/	/	/CAN	151-2	M-5	3000	3.23	0.86	6.4	1.9
HFBT HHV	C REGAL	AIR/OC /EGH/	/	/CAN	231-04	A-3	3500	2.73	0.39	7.2	1.2
	REGAL	AIR/OC /EGH/	/	/CAN	231-4	A-3	3500	2.73	0.65	7.0	1.4
	LF SABRE	AIR/OC /EGH/	/	/CAN	231-4	A-3	4000	3.08	0.57	5.4	1.7
HFC HHV	C ELDOADO	AIR/OC /EGH/	/	/CAN	425-4	A-3	5500	2.73	0.25	5.1	1.6
	C CADILLAC	AIR/OC /EGH/	/	/CAN	425-4	A-3	5000	3.08	0.51	9.6	1.1
	CADILLAC	OC /EGH/	/	/CAN	425-4	A-3	5000	3.08	0.47	6.1	1.9
	COMMERCIAL CHASSIS	AIR/OC /EGH/	/	/CAN	425-4	A-3	5500	3.08	0.36	13.	1.4
HFCH HHV	CADILLAC	OC /EGH/	/	/CAN	425-4	A-3	4500	2.28	0.63	9.0	1.9
	REGAL	OC /EGH/	/	/CAN	305-4	A-3	3500	2.29	0.67	6.0	2.0
	*GMC VAN	AIR/OC /EGH/	/	/CAN	350-4	A-3	5000	3.23	0.52	9.8	1.4
	GMC VAN	OC /EGH/	/	/CAN	350-4	A-3	5000	2.73	0.75	8.3	2.3
	*CAMARO	AIR/OC /EGH/	/	/CAN	350-4	A-3	4000	3.42	1.3	7.7	1.4
C CHEV. VAN	CHEV. VAN	OC /EGH/	/	/CAN	350-4	M-3	5000	3.42	1.3	7.6	2.0
	C CHEV. SUBURBAN	AIR/OC /EGH/	/	/CAN	350-4	M-4	5500	4.10	0.83	11.	1.4
	CADILLAC	OC /EGH/	/	/CAN	350-4	M-4	4000	3.73	0.77	5.1	1.8
	C CHEV. VAN	AIR/OC /EGH/	/	/CAN	400-4	A-3	4500	2.16	0.28	4.3	1.4

1974 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/VEAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARL INFS COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLE CLASS	INERTIA WEIGHT	AXLE RATIO	HYDRO- CARBONS	HYDRO- CARBONS	OXIDES OF NITROGEN	HYDRO- CARBONS	EXHAUST EMISSION (GRAMS/MILE)	EVAPOR. EMISSIONS (GRAMS/MILE)
GENERAL MOTORS -- EVAP-EMISSION FAMILIES											
EVAPORATIVE-EMISSION FAMILY TEST VEHICLES											
HFCU BBFV (CONT.)	C CHEV. SUBURBAN C CHEV. CAB CHASSIS	AIR/OC /LGR/OTR/	A-3	5500	4.10	0.29	5.3	2.3	4.9		
		AIR/OC /EGR/OTR/	A-3	6000	4.10	0.34	12.	1.7	2.7		
HFPB BBFV	LEMANC LESABP FLECTRA FIRETRD FIRETRD	OC /FGR/OTR/	A-3	4000	2.73	0.57	5.4	1.8	2.2		
		OC /FGR/OTR/	A-3	4000	3.08	1.0	9.7	1.6	1.9		
		OC /FGR/OTR/	A-3	4000	2.41	0.89	8.0	1.6	2.5		
		OC /FGR/OTR/	A-3	4000	2.56	0.65	7.0	1.4	1.9		
		OC /FGR/OTR/	A-3	4000	3.23	0.61	5.2	1.7	2.8		
HFVL BBFV	*CORVETTE CORVETTE CORVETTE	AIR/OC /EGR/OTR/	A-3	4000	3.55	0.85	10.	1.6	4.8		
		OC /FGR/OTR/	A-3	4000	3.36	0.88	3.4	1.6	2.6		
		AIR/OC /EGR/OTR/	A-3	4000	3.70	0.81	2.4	1.8	3.4		
HF0 BBFV	OLDSMOBILE 98 C DELTA 88 *FIRETRD C FIRETRD C TORONADO OLDSMOBILE 98	OC /FGR/	A-3	4500	3.08	1.2	8.4	1.7	5.9		
		AIR/OC /EGR/	A-3	4500	2.41	0.39	5.6	1.2	4.6		
		OC /FGR/	A-3	4000	3.08	1.3	6.8	1.4	2.6		
		AIR/OC /EGR/	A-3	4000	3.23	0.36	4.3	1.4	2.4		
		AIR/OC /EGR/	A-3	5000	3.07	0.27	3.8	1.3	2.1		
		OC /FGR/	A-3	4500	2.41	0.90	5.8	1.9	3.5		
AABV	CHEVETTE C CHEVETTE *CHEVETTE C CHEVETTE CHEVETTE CHEVETTE	OC /FGR/	A-3	2500	4.11	0.43	7.5	1.3	2.4		
		AIR/OC /EGR/	A-3	2500	4.11	0.29	5.1	0.96	5.7		
		AIR/OC /EGR/	A-3	2500	4.11	0.45	1.6	1.0	2.6		
		AIR/OC /EGR/	A-3	2500	3.70	0.29	3.3	1.2	2.9		
		OC /FGR/	A-3	2500	3.70	1.2	1.6	1.1	4.7		
		OC /FGR/	A-3	2250	3.70	0.39	7.8	1.1	5.0		
AIRA	SEVILLE *SEVILLE C CADILLAC CADILLAC	AIR/OC /EGR/	A-3	4500	2.56	0.72	11.	1.7	1.2		
		AIR/OC /EGR/	A-3	4500	3.08	0.61	1.6	1.3	0.90		
		AIR/OC /EGR/	A-3	5000	2.28	0.34	3.9	1.3	1.6		
		AIR/OC /EGR/	A-3	5000	2.28	0.72	1.1	1.6	1.6		
HABV	C GMC VAN CHEVROLET CHEVROLET NOVA	AIR/OC /EGR/OTR/	A-3	4500	3.08	0.38	6.4	1.7	2.9		
		OC /FGR/OTR/	A-3	4000	2.73	0.44	9.0	1.6	1.6		
		AIR/OC /EGR/OTR/	A-3	4000	2.73	0.31	2.7	0.86	2.6		
		OC /FGR/OTR/	A-3	4000	2.73	0.61	5.9	1.9	1.9		

1978 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER EXH-EMISS. FAMILY/VEAP-EMISS. FAM (CUBIC INCH DISPLACEMENT) CARS, TRUCKS COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	HALE RATIO	HYDRO- CARBONS	CARBON MONOXIDE	NITROGEN OXIDES	CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE) EVAPOR- EMISSIONS (GRAMS)
ISUZU -- FAMILY COMBINATIONS CERTIFIED:									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
G100Z-H / CRKP (111) C OPEL OPEL	*OPEL C OPEL C OPEL C OPEL	AIR/OC / EGR/	111-2	A-3	2500	3.58	0.4%	1.9	3.3 *
		AIR/OC / EGR/	111-2	A-3	2500	3.58	0.34	1.1	N/A
		AIR/OC / EGR/	111-2	M-4	2500	3.58	0.21	1.0	N/A
		AIR/OC / EGR/	111-2	M-5	2500	3.31	0.41	1.4	N/A
		AIR/OC / EGR/	111-2	M-5	2500	3.31	0.23	0.88	3.0 *
(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -									
G100Z-F / CRKP (111) OPEL	OPEL OPEL OPEL	AIR/FGH/	111-2	A-3	2500	3.58	0.72	1.3	2.3 *
		AIR/FGH/	111-2	M-4	2500	3.58	0.98	1.1	N/A
		AIR/FGH/	111-2	M-5	2500	3.31	0.73	1.6	N/A
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -							
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -							
ISUZU -- EVAP-EMISSION FAMILY TEST									
CRKP	OPEL *OPEL C OPEL	AIR/FGH/	111-2	A-3	2500	3.58	0.72	1.3	2.3 *
		AIR/OC / EGR/	111-2	A-3	2500	3.58	0.46	1.9	3.3
		AIR/OC / EGR/	111-2	M-5	2500	3.31	0.23	0.88	3.0 *
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -							
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -							
LOTUS -- FAMILY COMBINATIONS CERTIFIED:									
907 / 907 (120) C ESPRIT FLITE/SPRINT	OPEL *OPEL C OPEL	AIR/OC /	120-2	M-4	2750	4.11	0.35	1.6	3.0 *
		AIR/OC /	120-2	M-5	2500	4.18	0.26	1.3	3.0 *
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -							
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -							
		(EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -							

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER EXH-EMISS FAMILY/VEAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	T ENGINE DISP. & CARB	R INERTIA WEIGHT N CLASS	AXLE RATIO	HYDRO- CARBONS	OXIDES OF NITROGEN	CERTIFICATION LEVELS	
								EXHAUST EMISSION (GRAMS/MILE)	EVAPORATION EMISSIONS (GRAMS)
LOUIS -- FAMILY COMBINATIONS CERTIFIED									
EXHAUST EMISSION FAMILY TEST VEHICLES									
907	EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	/	/	/	/	FAMILY 907	1.476	1.140	1.000
EVAPORATIVE EMISSION FAMILY TEST VEHICLES									
907	ELITE/SPRINT C ESPRIT	AIR/OC	/	/	/	CAN FAMILY 907	4.11	4.0	1.6
MAZDA -- FAMILY COMBINATIONS CERTIFIED									
EXHAUST EMISSION FAMILY TEST VEHICLES									
SS / SS (181) MERAK	C MERAK	AIR/THM	/	/	/	M-5 3500	4.37	7.8	1.3
EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -									
SS	C MERAK	AIR/THM	/	/	/	CAN FAMILY SS	4.37	7.8	1.3
MERCEDES-BENZ -- FAMILY COMBINATIONS CERTIFIED									
EXHAUST EMISSION FAMILY TEST VEHICLES									
78/22/VUE/69 / 78/22/VEAP/FT4 (417) C MHI16V(6.9) C MHI16V(6.9)	C MHI16V(6.9) C MHI16V(6.9)	AIR/FI	/OC	/FGR	/CAN	A-J 4500 A-J 4500	2.65	5.3	1.1

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

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*NOTE: THIS VEH GENERATED EVAP EMIS, AS WELL AS EXH EMIS, TEST RESULTS, A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMIS FAMILY IS PROVIDED IN THE EVAP EMIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER ENGINE-FAMILY/VAP-EMISSION (CUBIC INCH DISPLACEMENT) (CARLINS COVERED)	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB. CLASS	INERTIA WEIGHT N CLASS	AAE S-CLASS	HYDRO- CARBONIS MURPHY	CARRON MURPHY	CERTIFICATION LEVELS	
								EXHAUST EMISSION (GRAMS/MILE)	HYDRO- EMISSIONS (GRAMS)
FAMILY COMBINATIONS CERTIFIED									
TH/2A/VME/45-107 / TH/2/EVAP/F13 (176) C MB 116(450SL/SLC)	MH107(450SL/SLC)	AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ /	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06
TH/2A/VME/45-116 / TH/2/EVAP/F14 (176) C MB 116(450SL)	MH116(450SL)	AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ /	/CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06	/CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06	/CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06	/CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06	/CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06	/CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06	/CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06 /CAN /276-FI A-3 4500 3.06
TH/2H/L6E/28 / TH/2/EVAP/F12 (168) C MB 121(280E) C MB 116(280SE) C MB 116(280SE)	C MB 116(280SE) C MB 121(280E) C MB 116(280SE)	AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ /	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69
TH/2H/L6E/28 / TH/2/EVAP/F14 (168) C MB 116(280SE) C MB 121(280E) C MB 116(280SE)	C MB 116(280SE) C MB 121(280E) C MB 116(280SE)	AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ /	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69	/CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69 /CAN /168-FI A-4 4000 3.69
TH/2H/VME/45-107 / TH/2/EVAP/F13 (176) C MB 116(450SL/SLC)	MH107(450SL/SLC)	AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ / AIR/FI /OC /FGR/ /	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06	/CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06 /CAN /276-FI A-3 4000 3.06

*NOTE: THIS VPM GENERATED EVAP EMISSIONS AS WELL AS EXH EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER FAMILY/VAP-EMISS. FAM. (CUBIC INCH DISPLACEMENT) CARL (H.S. COVERED)	VEHICLE CAPLINE DESCRIPTION	EMISSION CONTROL SYSTEM	VEHICULAR CLASS	AXLE RATIO	HYDRO- CARBONS	OXIDES OF NITROGEN	CO	HC	EVAPORATION
ENGINE DISP. L CARB	INERTIA R WEIGHT N	FAMILY TEST	FAMILY TEST	FAMILY TEST	FAMILY TEST	FAMILY TEST	FAMILY TEST	FAMILY TEST	FAMILY TEST

MERCEDES-BENZ -- FAMILY COMBINATIONS CERTIFIED

EXHAUST-EMISSION FAMILY TEST VEHICLES

TH/2H/VME/45-107 / TH/2/EVAP/F13C (CONT.)

(EXHAUST DETERIORATION FACTORS FOR -

(EVAPORATION DETERIORATION FACTORS FOR -

TH/2H/VME/45-107 / TH/2/EVAP/F13H

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

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C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

C-MH107(450SL/SLC)

NOTE: THIS VEH. DERATING EVAP. EMISS. AS WELL AS EXH. EMISS. TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP. EMISS. FAMILY IS PROVIDED IN THE EVAP. EMISS. FAMILY SECTION.

*NOTE: THIS VEHICULARATED EVAP-EMISS. TEST RESULT A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP-EMISS. FAMILY IS PROVIDED IN THE EVAP-EMISS. FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES											
MANUFACTURER FAMILY/EMISS-FAMILY (CHIC INCH DISPLACEMENT) CARLINS COVERED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
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VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
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VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
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VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
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VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
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VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS			CERTIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)		
VEHICLE CARLINE REPRESENTED			EMISSION CONTROL SYSTEM			VEHICLES S-CLASS					

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER	VEHICLE CATEGORY	VEHICLE NAME	REPRESENTATIVE	EMISSION CONTROL SYSTEM	VEHICLE CLASS	INERTIA WEIGHT (LBS)	CALCULATION LEVELS				HYDROCARBONS (GRAMS/MILE)	NITROGEN (GRAMS/MILE)	CARBON MONOXIDE (GRAMS/MILE)		
							EXHAUST DETERIORATION FACTORS FOR		EXHAUST DETERIORATION FACTORS FOR						
							EVAPOR.	EMISSIONS	EVAPOR.	EMISSIONS					
FORD	C ARROW	FORD ARROW	FORD ARROW	OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
				OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
CHRYSLER	C CHALLENGER	CHRYSLER CHALLENGER	CHRYSLER CHALLENGER	OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
				OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
DODGE	C CHALLENGER	DODGE CHALLENGER	DODGE CHALLENGER	OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
				OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
RAM	C CHALLENGER	RAM CHALLENGER	RAM CHALLENGER	OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
				OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
JEEP	C CHALLENGER	JEEP CHALLENGER	JEEP CHALLENGER	OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/
				OC	/	/	OC	/	/	OC	/	/	OC	/	/
				FCM	/	/	FCM	/	/	FCM	/	/	FCM	/	/

NOTE: THIS VEH GENERATED EVAP THIS AS WELL AS EXH THIS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION HERE.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMISS FAMILY/VAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTATIVE	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	AALE S CLASS	HYDRO- CARBONS	HYDRO- NITROGEN	HYDRO- CARBONS	CERTIFICATION LEVELS	
									EXHAUST EMISSION (GRAMS/MILE)	EVAPORATION (GRAMS/MILE)

MITSUBISHI -- EVAP-EMISSION CARLINES

EVAPORATION-EMISSION FAMILY TEST VEHICLES

EPA-1	VEHICLE CARLINE REPRESENTATIVE	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	AALE S CLASS	HYDRO- CARBONS	HYDRO- NITROGEN	HYDRO- CARBONS	HYDRO- NITROGEN	HYDRO- CARBONS
	ARROW	OC /FGH/	122-2	A-3	2750	3.55	0.24	5.5	1.4	2.3
	C ARROW	OC /FGH/	122-2	H-5	2500	3.91	0.18	2.8	1.0	2.1
	C CHALLENGER	OC /FGH/	156-2	A-3	3000	3.31	0.12	2.8	1.0	2.5
	C COLT WAGON	OC /FGH/	156-2	A-3	3000	3.31	0.18	2.5	1.5	2.3
	C COLT WAGON	OC /FGH/	156-2	H-5	3000	3.31	0.17	4.2	0.87	2.7

NISSAN -- FAMILY COMBINATIONS CERTIFIED

EXHAUST-EMISSION FAMILY TEST VEHICLES

EPA-1	VEHICLE CARLINE REPRESENTATIVE	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	AALE S CLASS	HYDRO- CARBONS	HYDRO- NITROGEN	HYDRO- CARBONS	HYDRO- NITROGEN	HYDRO- CARBONS
	ARROW	OC /FGH/	122-2	A-3	2750	3.55	0.24	5.5	1.4	2.3
	C ARROW	OC /FGH/	122-2	H-5	2500	3.91	0.18	2.8	1.0	2.1
	C CHALLENGER	OC /FGH/	156-2	A-3	3000	3.31	0.12	2.8	1.0	2.5
	C COLT WAGON	OC /FGH/	156-2	A-3	3000	3.31	0.18	2.5	1.5	2.3
	C COLT WAGON	OC /FGH/	156-2	H-5	3000	3.31	0.17	4.2	0.87	2.7

EPA-1

EPA-1	VEHICLE CARLINE REPRESENTATIVE	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	AALE S CLASS	HYDRO- CARBONS	HYDRO- NITROGEN	HYDRO- CARBONS	HYDRO- NITROGEN	HYDRO- CARBONS
	ARROW	OC /FGH/	122-2	A-3	2750	3.55	0.24	5.5	1.4	2.3
	C ARROW	OC /FGH/	122-2	H-5	2500	3.91	0.18	2.8	1.0	2.1
	C CHALLENGER	OC /FGH/	156-2	A-3	3000	3.31	0.12	2.8	1.0	2.5
	C COLT WAGON	OC /FGH/	156-2	A-3	3000	3.31	0.18	2.5	1.5	2.3
	C COLT WAGON	OC /FGH/	156-2	H-5	3000	3.31	0.17	4.2	0.87	2.7

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS. TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER
EXH-EMIS FAMILY/EVAP-EMIS FAM
(CUBIC INCH DISPLACEMENT)
CARLINES COVERED

VEHICLE CARLINE
REPRESENTED

NISSAN -- FAMILY COMBINATIONS CATERED

EXHAUST-EMISSION FAMILY TEST VEHICLES

L241/281C / EVP-EFI-1
(146,16d)

C 810
C 810 WAGON
C 280Z

EMISSION CONTROL SYSTEM	ENGINE DISPL. & CARB. VENTURIS	T INERTIA A WEIGHT N CLASS	AXLE RATIO	HYDRO-CARBONS	HYDRO-CARBONS MONOXIDE	OXIDES OF NITROGEN	HYDRO-CARBONS
FI /OC /EGH/	146-FI A-3	3000	3.70	0.31	3.4	1.1	2.6
FI /OC /EGH/	146-FI A-3	3000	3.70	0.27	2.2	0.9A	2.0
FI /OC /EGH/	168-FI A-3	3000	3.54	0.33	3.4	1.3	N/A
FI /OC /EGH/	168-FI A-3	3000	3.54	0.41	4.9	1.5	2.1
FI /OC /EGH/	168-FI M-4	3000	3.54	0.29	3.3	1.0	N/A
FI /OC /EGH/	168-FI M-5	3000	3.54	0.27	2.9	0.90	N/A

(EXHAUST DETERIORATION FACTORS FOR - FI /OC /EGH/ /
(EVAPOR. DETERIORATION FACTORS FOR - FAMILY L241/281C
FAMILY EVP-EFI-1

NISSAN -- EVAP-EMISSION FAMILIES:

EVAPORATIVE-EMISSION FAMILY TEST VEHICLES

EVP-CARB-1

510
C 200 Sx
C 510 WAGON
C PICKUP

EMISSION CONTROL SYSTEM	ENGINE DISPL. & CARB. VENTURIS	T INERTIA A WEIGHT N CLASS	AXLE RATIO	HYDRO-CARBONS	HYDRO-CARBONS MONOXIDE	OXIDES OF NITROGEN	HYDRO-CARBONS
AIR/EGH/	119-2	A-3 2500	3.54	1.3	10.	1.5	2.3
AIR/OC /EGH/	119-2	A-3 2750	3.54	0.19	2.6	1.0	3.4
AIR/OC /EGH/	119-2	M-4 2750	3.54	0.32	4.0	0.93	2.9
AIR/EGH/	119-2	M-4 2750	4.38	1.4	8.3	2.4	1.7
AIR/OC /EGH/	119-2	M-4 2750	4.38	0.50	4.7	1.3	2.6
AIR/OC /EGH/	119-2	M-4 2750	3.54	0.21	3.4	0.89	3.1
AIR/OC /EGH/	119-2	M-5 2750	4.38	0.42	3.5	1.6	1.9
AIR/OC /EGH/	119-2	M-5 2750	3.54	0.30	4.7	0.88	2.1

EVP-CARB-2

C 810
C 810 WAGON
C 280Z

EMISSION CONTROL SYSTEM	ENGINE DISPL. & CARB. VENTURIS	T INERTIA A WEIGHT N CLASS	AXLE RATIO	HYDRO-CARBONS	HYDRO-CARBONS MONOXIDE	OXIDES OF NITROGEN	HYDRO-CARBONS
AIR/OC /EGH/	85-2	A-3 2500	3.49	0.32	8.4	1.1	3.4
AIR/EGH/	85-2	M-4 2250	3.70	1.2	8.7	1.3	1.9
AIR/OC /EGH/	85-2	M-4 2250	3.70	0.65	1.1	0.64	2.4
AIR/EGH/	85-2	M-4 2250	3.47	1.1	1.1	1.5	2.2
AIR/OC /EGH/	85-2	M-4 2250	3.47	0.37	6.3	0.97	2.6
AIR/OC /EGH/	85-2	M-5 2250	3.47	0.28	5.4	1.1	2.6
AIR/OC /EGH/	85-2	M-5 2250	3.70	0.60	2.8	1.4	0.99

EVP-EFI-1

C 810
C 810 WAGON
C 280Z

EMISSION CONTROL SYSTEM	ENGINE DISPL. & CARB. VENTURIS	T INERTIA A WEIGHT N CLASS	AXLE RATIO	HYDRO-CARBONS	HYDRO-CARBONS MONOXIDE	OXIDES OF NITROGEN	HYDRO-CARBONS
FI /OC /EGH/	146-FI A-3	3000	3.70	0.31	3.4	1.1	2.6
FI /OC /EGH/	146-FI M-4	3000	3.70	0.27	2.2	0.9A	2.0
FI /EGH/	168-FI A-3	3000	3.54	0.41	4.9	1.5	2.1
FI /EGH/	168-FI M-5	3000	3.54	1.5	10.	1.4	2.0

*NOTE: THIS VEH GENERATED EVAP EMIS AS WELL AS EXH EMIS TEST RESULT. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMIS FAMILY IS PROVIDED IN THE EVAP EMIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER	FAMILY/VAPOR-EMIS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARD	INERTIA A WEIGHT CLASS	AXLE RATIO	CLASSIFICATION LEVELS		
							EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS	EVAPORATION EMISSIONS (GRAMS/MILE)

PEUGEOT - FAMILY COMBINATIONS CERTIFIED:

EXHAUST-EMISSION FAMILY TEST VEHICLES

KNAC / XNA (120) 504 504 WAGON	C 504 C 504 WAGON	AIR/OC /EGH/ / AIR/OC /EGH/ /	/CAN /CAN	120-2 120-2	A-3 M-4	3500 3500	3.89 4.11	0.62 1.0	7.6 5.2	1.3 1.2	4.0 * 4.2 *
112-90 / 112 (163) 604	C 604 C 604 WAGON	AIR/OC /EGH/ / AIR/OC /EGH/ /	/CAN /CAN	163-3 163-3	A-3 M-4	3500 3500	3.58 3.58	0.61 1.219	5.8 1.144	1.3 1.32	4.0 * N/A 1 0.667)
112-90 / 112 (163) C 604	C 604 C 604	AIR/OC /EGH/ / AIR/OC /EGH/ /	/CAN /CAN	163-3 163-3	A-3 M-4	3500 3500	3.58 3.58	0.29 0.32	2.5 2.6	1.0 1.2	4.0 * 3.6 *
112-90 / 112 (163) C 604	C 604 C 604	AIR/OC /EGH/ / AIR/OC /EGH/ /	/CAN /CAN	163-3 163-3	A-3 M-4	3500 3500	3.58 3.58	0.29 0.32	2.5 2.6	1.0 1.2	4.0 * 3.6 *

PEUGEOT - EVAP-EMISSION FAMILY TEST

EVAPORATIVE-EMISSION FAMILY TEST VEHICLES

XNA	C 504 C 504 WAGON	AIR/OC /EGH/ / AIR/OC /EGH/ /	/CAN /CAN	120-2 120-2	A-3 M-4	3500 3500	3.89 4.11	0.62 1.0	7.6 5.2	1.3 1.2	4.0 4.2
112	C 604 C 604	AIR/OC /EGH/ / AIR/OC /EGH/ /	/CAN /CAN	163-3 163-3	A-3 M-4	3500 3500	3.58 3.58	0.29 0.32	2.5 2.6	1.0 1.2	4.0 4.0 3.6

*NOTE: THIS VEH GENERATED EVAP EMTS AS WELL AS EXH EMTS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMTS FAMILY IS PROVIDED IN THE EVAP EMTS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES									
MANUFACTURER EXH-AUTOS, FAMILY/VAP-EMIS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLE CLASS	ENGINE DISPL (CAP)	TRANSMISSION CLASS	AIR FLOW	HYDRO- CARBON OF NOXIDES	EXHAUST EMISSION (GRAMS/MILE)	CERTIFICATION LEVELS EVAPORATION EMISSIONS HYDRO- CARBONS
PURCHASE - FAMILY COMBINATIONS CERTIFIED									
EXHAUST-EMISSION FAMILY TEST VEHICLES									
IV / H (201) C TURBO CARPENA	C 911	AIR/FI / THM/FGR /	M-4 3000	4.72	0.50	6.1	0.41	2.3 *	
(EXHAUST DETERIORATION FACTORS FOR - (EVAPORATION DETERIORATION FACTORS FOR -		AIR/FI / THM/FGR /	FAMILY IV		1.000	1.000	1.000	N/A	
		/ / /	FAMILY H		N/A	N/A	N/A	0.0	
IX / H (183) 911	911	AIR/FI / UC /	M-3 3000	3.46	0.24	2.2	1.4	N/A	
(EXHAUST DETERIORATION FACTORS FOR - (EVAPORATION DETERIORATION FACTORS FOR -		AIR/FI / UC /	FAMILY IX		1.083	1.055	1.000	N/A	
		/ / /	FAMILY H		N/A	N/A	N/A	0.0	
VI / A (121) 924	924 924	FI / UC / EGR /	M-4 3000	3.73	0.31	3.7	1.4	N/A	
(EXHAUST DETERIORATION FACTORS FOR - (EVAPORATION DETERIORATION FACTORS FOR -		FI / UC / EGR /	FAMILY VI		0.34	3.3	1.3	N/A	
		/ / /	FAMILY A		1.094	1.000	1.000	N/A	
		/ / /			N/A	N/A	N/A	1.711	
VII / A (121) C 924 C 924	C 924 C 924	AIR/FI / UC / FGR /	M-4 3000	3.73	0.24	2.5	1.4	N/A	
(EXHAUST DETERIORATION FACTORS FOR - (EVAPORATION DETERIORATION FACTORS FOR -		AIR/FI / UC / FGR /	FAMILY VII		0.24	2.9	1.7	3.4 *	
		/ / /	FAMILY A		1.072	1.44	1.032	N/A	
		/ / /			N/A	N/A	N/A	1.711	
VIII / H (183) C 911	C 911	AIR/FI / UC / FGR /	M-5 3000	3.46	0.18	2.6	0.70	1.4 *	
(EXHAUST DETERIORATION FACTORS FOR - (EVAPORATION DETERIORATION FACTORS FOR -		AIR/FI / UC / FGR /	FAMILY VIII		1.000	1.000	1.040	N/A	
		/ / /	FAMILY H		N/A	N/A	N/A	0.0	
X / C (273) C 928	C 928 C 928	AIR/FI / UC / FGR /	M-5 3500	2.75	0.33	3.6	1.0	N/A	
		AIR/FI / UC / FGR /	FAMILY X		0.39	2.2	1.2	2.8 *	

*NOTE: THIS VEH GENERATION EVAP EMIS AS WELL AS EXH EMIS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER EXH-EMI'S FAMILY/EVAP-EMI'S FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM VEHICLES	T ENGINE DISP. A CARR. N CLASS	INERTIA A WEIGHT N CLASS	AILE RATIO	HYDRO- CARBONS	CARBON MONOXIDE	NITROGEN OXIDES	CERTIFICATION LEVELS	
									EXHAUST EMISSION (GRAMS/MILE)	EVAPOR- EMISSIONS (GRAMS)
									EXHAUST-EMISSION FAMILY TEST VEHICLES	
PORSCHÉ - EVAP-EMISSIONS CERTIFIED	X / C (CONT.)	EXHAUST DETERIORATION FACTORS FOR - (EVAPOR. DETERIORATION FACTORS FOR -	AIR/F1 /OC /FGR/ / / / / /	FAMILY X FAMILY C	/	1.000 N/A	1.164 N/A	1.061 N/A	N/A	N/A 0.0
EVAPORATIVE-EMISSION FAMILY TEST VEHICLES										
A	C 924	AIR/F1 /OC /FGR/ /CAN	121-F1 M-4	3000	3.89	0.25	2.9	1.7	3.4	
H	C 911 C 911	AIR/F1 /OC /FGR/ /CAN AIR/F1 /THRU/FGR/ /CAN	183-F1 M-5 201-F1 M-4	3000 3000	3.46 4.22	0.18 0.50	2.6 6.1	0.70 0.81	1.8 2.3	
C	C 928	AIR/F1 /OC /FGR/ /CAN	273-F1 M-5	3500	2.75	0.39	2.2	1.2	2.8	
EXHAUST-EMISSION FAMILY TEST VEHICLES										
BION / ECS1 (79) LE CAR	LE CAR	AIR/FGR/ / / /CAN	79-2 M-4	2000	3.63	0.90	12.	1.6	N/A	
BIONC / ECS1 (79) C LE CAR	C LE CAR	AIR/OC /FGR/ / /CAN	79-2 M-4	2000	3.63	0.18	3.1	1.0	3.3 *	
B43FTR / ECS2 (101) IF CORBINI	IF CORBINI	AIR/F1 /FGR/ / /CAN	101-F1 M-5	2750	3.77	1.4	11.	1.6	2.2 *	

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

[illegible]

• **NOTE** THIS VEH GENERATED EVAP THIS AS WELL AS EXH EMITS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER: FORD MOTOR COMPANY
 FAMILY/EMISS FAN: FORD MOTOR COMPANY
 CURRIC INCH DISPLACEMENT: 200

VEHICLE CAPLINE: FORD MOTOR COMPANY
 REPOLEMIED: FORD MOTOR COMPANY

STEELHEAD MECH LTD. - EMISSIONS CERTIFIED

907 / SUPER 907
 (121)
 SUPER 907

C SUPER 907

EXHAUST DETERIORATION FACTORS FOR - AIR/OC / / /CAN 121-02 M-5 2000 3.73 0.74 4.9 1.2 4.4

EVAPORATIVE EMISSIONS CERTIFIED

EXHAUST DETERIORATION FACTORS FOR - AIR/OC / / /CAN 121-02 M-5 2000 3.73 0.74 4.9 1.2 4.4

STEELHEAD MECH LTD. - EMISSIONS CERTIFIED

907 / SUPER 907

C SUPER 907

EXHAUST DETERIORATION FACTORS FOR - AIR/OC / / /CAN 121-02 M-5 2000 3.73 0.74 4.9 1.2 4.4

EVAPORATIVE EMISSIONS CERTIFIED

EXHAUST DETERIORATION FACTORS FOR - AIR/OC / / /CAN 121-02 M-5 2000 3.73 0.74 4.9 1.2 4.4

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EXHAUST DETERIORATION FACTORS FOR - AIR/OC / / /CAN 121-02 M-5 2000 3.73 0.74 4.9 1.2 4.4

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EVAPORATIVE EMISSIONS CERTIFIED

EXHAUST DETERIORATION FACTORS FOR - AIR/OC / / /CAN 121-02 M-5 2000 3.73 0.74 4.9 1.2 4.4

STEELHEAD MECH LTD. - EMISSIONS CERTIFIED

907 / SUPER 907

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXHAUST TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SECTION BELOW.

*NOTE: THIS VEH GENERATED EVAP EMTS AS WELL AS EXI EMTS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES REFUGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY VEHICLES

MANUFACTURER
 EXHAUST EMISSIONS (GRAMS PER GALLON OF FUEL)
 CARBON MONOXIDE (GRAMS PER GALLON OF FUEL)
 CARBON DIOXIDE (GRAMS PER GALLON OF FUEL)
 HYDROCARBONS (GRAMS PER GALLON OF FUEL)
 NITROGEN OXIDES (GRAMS PER GALLON OF FUEL)

VEHICLE CLASSIFICATION
 REPRESENTATIVE
 EMISSIONS TEST RESULTS

TOYOTA--FAMILY COMBINATIONS CERTIFIED

RAEP (WITH FGR) / SRC
 (H)
 C RX-4 WAGON
 RX-4 WAGON
 C RX-4 WAGON

TOYOTA--FAMILY COMBINATIONS CERTIFIED

SCA
 C GLC
 GLC
 SVA
 C RX-3
 C RX-1
 RX-1
 SVA
 C RX-4
 C RX-4

SPC
 C RX-4 WAGON

TOYOTA--FAMILY COMBINATIONS CERTIFIED

2T-C(C) / FV-C
 (97)
 C COROLLA
 C COROLLA WAGON
 C COROLLA WAGON
 C COROLLA
 C COROLLA

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXH EMISSIONS TEST RESULTS. A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SECTION BELOW.

•NOTE: THIS VEH GENERATED EVAP EMTS AS WELL AS THE EMTS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMTS FAMILY IS PROVIDED IN THE EVAP EMTS FAMILY SCHEDULING INFORMATION.

MANUFACTURER FAMILY/VAPOR-EMISSION CATEGORIES COVERED	VEHICLE CATEGORY REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISPLACEMENT CUBIC INCH	INERTIA WEIGHT LBS	CLASS	A/F	RATIO	CERTIFICATION LEVELS (GRAMS/MILE)		
								EXHAUST EMISSIONS	HYDRO- CARBONS	HYDRO- CARBONS

TOYOTA--FAMILY COMBINATIONS CERTIFIED:

EXHAUST-EMISSION FAMILY TEST VEHICLES

1K-C (F) / EV-K (71) COROLLA	COROLLA	AIR/OC /EGR/ / AIR/OC /EGR/ /	71-2 71-2	H-4 H-5	2250 2250	3.91 4.10		6.8 9.4	1.2 1.1	1.1 N/A
								1.000 N/A	1.000 N/A	N/A 0.0
4M / EV-M (156) C CHESSIDA C CHESSIDA WAGON	CHESSIDA CHESSIDA WAGON C CHESSIDA WAGON	AIR/OC /EGR/ / AIR/OC /EGR/ / AIR/OC /EGR/ /	156-2 156-2 156-2	A-4 A-4 A-4	3000 3000 3000	3.91 3.91 3.91		2.1 3.2 3.4	1.4 1.3 1.1	1.0 N/A 1.6
								1.000 N/A	1.000 N/A	N/A 0.0

TOYOTA--EVAP-EMISSION FAMILIES:

EXHAUSTIVE-EMISSION FAMILY TEST VEHICLES

EV-L C COROLLA WAGON C COROLLA WAGON C COROLLA C COROLLA C COROLLA	COROLLA WAGON COROLLA WAGON COROLLA COROLLA COROLLA	AIR/OC /EGR/ / AIR/OC /EGR/ / AIR/OC /EGR/ / AIR/OC /EGR/ / AIR/OC /EGR/ /	97-2 97-2 97-2 97-2 97-2	A-3 A-3 A-3 A-3 A-3	2500 2500 2500 2500 2500	4.10 4.10 4.10 3.73 4.10		4.0 6.2 2.6 6.8 2.5	1.7 1.4 1.0 1.3 0.84	2.9 1.7 2.0 1.2 1.5
								5.9 3.2	1.4 1.2	1.4 1.2
EV-K C COROLLA	COROLLA	AIR/OC /EGR/ / AIR/OC /EGR/ /	71-2 71-2	H-4 H-4	2250 2250	3.91 3.91		6.8 3.4	1.2 1.1	1.1 1.6
								2.1 2.1	0.84 1.7	2.3 1.4

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXHAUST EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSION FAMILY IS PROVIDED IN THE EVAP EMISSION FAMILY SECTION FLOW.

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor discoloration and a small dark spot near the top center. A vertical crease or fold line is visible on the right side of the page.

1974 MODEL YEAR LIGHT-DUTY VEHICLES

[illegible]

*NOTE: THIS VEH GENERATED FVAP FMS AS WELL AS EXH FMS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH FVAP FMS FAMILY IS PROVIDED IN THE FVAP FMS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURER EXH-EMISS FAMILY/VAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINS COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLE CLASS	SALE	HYDRO- CARBONS	MONOXIDE	NITROGEN	CARBONS	CERTIFICATION LEVELS	
									EXHAUST EMISSION (GRAMS/MILE)	EVAPORATION (GRAMS)
AMERICAN MOTORS -- FAMILY COMBINATIONS CERTIFIED	I-T / E-1-T (232, 254) JEEP (CJ-5/CJ-7) POST OFF. VEHICLE JEEP (CJ-5/CJ-7) AIR/EGH/	/	/	/	/	/	/	/	/	/
I-T / E-1-T (232, 254) JEEP (CJ-5/CJ-7) C POST OFF. VEHICLE JEEP (CJ-5/CJ-7) AIR/OC /EGH/	/	/	/	/	/	/	/	/	/	/
I-T / E-1-T (232, 254) JEEP (CJ-5/CJ-7) C POST OFF. VEHICLE JEEP (CJ-5/CJ-7) AIR/OC /EGH/	/	/	/	/	/	/	/	/	/	/
I-T / E-1-T (232, 254) JEEP (CJ-5/CJ-7) C POST OFF. VEHICLE JEEP (CJ-5/CJ-7) AIR/OC /EGH/	/	/	/	/	/	/	/	/	/	/

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY TRUCKS										
MANUFACTURER EXH-FMIS FAMILY/VAP-EMIS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	EMISSION CONTROL SYSTEM VEHICLE CARLINE REPRESENTED					CLASSIFICATION LEVELS EXHAUST EMISSION (GRAMS/MILE)				
	ENGINE DISP. & CARB	INERTIA R WEIGHT N CLASS	AXLE RATIO	HYDRO- CARBONS	MONOXIDE CARBON	OXIDES OF NITROGEN				
CHRYSLER -- FAMILY COMBINATIONS -- CRITERIA										
EXHAUST EMISSION FAMILY TEST VEHICLES										
TO-31H-2-C / K-2 (CONT.)	DODGE PICKUP	DODGE VAN	OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
TO-31H-2-C / K-10	DODGE PICKUP	DODGE VAN	OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
TO-31H-2-C / K-11	DODGE PICKUP	DODGE VAN	OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
TO-31H-2-C / K-4	DODGE PICKUP	DODGE VAN	OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *
			OC / FGR /	118-2	M-4	4500	3-21	1-1	2-5	2-6 *

*NOTE: THIS VEH GENERATED EVAP FMS AS WELL AS EXH FMS TEST RESUL IS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP FMS FAMILY IS PROVIDED IN THE EVAP FMS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURER FAMILY/EMISS FAN
(CUBIC INCH DISPLACEMENT)
CARLINE'S COVERED

VEHICLE CARLINE
REPRESENTED

CHRYSLER -- FAMILY COMBINATIONS-CLASSIFIED

CLASSIFICATION LEVELS
EXHAUST EMISSION
(GRAMS/MILE)

OXIDES
OF
HYDRO-
CARBONS

COXIDES
OF
HYDRO-
CARBONS

EXHAUST-EMISSION FAMILY TEST VEHICLES

ENGINE DISP. & CAP	INERTIA WEIGHT N	CLASS RATIO	HYDRO- CARBONS	COXIDES OF HYDRO- CARBONS	EXHAUST EMISSION (GRAMS/MILE)	OXIDES OF HYDRO- CARBONS
TD-318/160-4-CP / K-4 (CONT.)						
EXHAUST DETERIORATION FACTORS FOR -	AIR/OC	/	FAMILY TD-318/360-4-CP	1.405	1.707	1.000
EVAPOR. DETERIORATION FACTORS FOR -	/	/	FAMILY K-4	N/A	N/A	N/A
TD-318/160-4-CP / K-5						
(318, 360)						
C DODGE VAN	AIR/OC	/	318-4	A-3	4.000	3.21
C PLYMOUTH VAN	AIR/OC	/	318-4	M-3	4.500	3.21
C DODGE PICKUP	AIR/OC	/	318-4	M-4	4.000	3.21
C DODGE VAN	AIR/OC	/	318-4	M-4	4.000	3.21
C DODGE PICKUP	AIR/OC	/	360-4	A-3	4.000	2.71
C DODGE VAN	AIR/OC	/	360-4	A-3	4.500	2.71
C DODGE PICKUP	AIR/OC	/	360-4	A-3	4.500	2.71
EXHAUST DETERIORATION FACTORS FOR -	AIR/OC	/	FAMILY TD-318/360-4-CP	1.405	1.707	1.000
EVAPOR. DETERIORATION FACTORS FOR -	/	/	FAMILY K-5	N/A	N/A	N/A
TD-360-2-A / K-12						
(360)						
DODGE VAN	OC	/	360-2	A-3	4.000	2.71
DODGE PICKUP	OC	/	360-2	A-3	4.500	2.71
DODGE VAN	OC	/	360-2	A-3	4.500	2.71
EXHAUST DETERIORATION FACTORS FOR -	OC	/	FAMILY TD-360-2-A	1.279	1.000	1.274
EVAPOR. DETERIORATION FACTORS FOR -	/	/	FAMILY K-12	N/A	N/A	N/A
TD-360-2-A / K-7						
(360)						
DODGE VAN	OC	/	360-2	A-3	4.500	2.71
DODGE PICKUP	OC	/	360-2	A-3	4.000	2.71
DODGE VAN	OC	/	360-2	A-3	4.500	2.71
EXHAUST DETERIORATION FACTORS FOR -	OC	/	FAMILY TD-360-2-A	1.279	1.000	1.274
EVAPOR. DETERIORATION FACTORS FOR -	/	/	FAMILY K-7	N/A	N/A	N/A
TD-360-2-A / K-8						
(360)						
DODGE VAN	OC	/	360-2	A-3	4.500	2.71
DODGE PICKUP	OC	/	360-2	A-3	4.000	2.71
DODGE VAN	OC	/	360-2	A-3	4.500	2.71
EXHAUST DETERIORATION FACTORS FOR -	OC	/	FAMILY TD-360-2-A	1.279	1.000	1.274
EVAPOR. DETERIORATION FACTORS FOR -	/	/	FAMILY K-8	N/A	N/A	N/A

NOTE: THIS VEHICULAR EVAPORATION EMISSIONS AS WELL AS EXHAUST EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAPORATION FAMILY IS PROVIDED IN THE EVAPORATION FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURER FAMILY/EMISS. FAMILY/CLASS (CUBIC INCH DISPLACEMENT) CARLINE'S COVERED	ENGINE DISP. A CAN	INERTIA A WEIGHT N CLASS	SALE RATIO	HYDRO- CARBONS	HYDRO- CARBONS	HYDRO- CARBONS	CERTIFICATION LEVELS	
							EXHAUST EMISSION (GRAMS/MILE)	EVAPOR- EMISSIONS (GRAMS)

VEHICLE CARLINE
REPRESENTED

CHRYSLER--FAMILY COMBINATIONS--CERTIFICATION

EXHAUSTIVE-EMISSION-FAMILY TEST VEHICLES

TO-160-2-A / K-8 (CONT.)	DODGE PICKUP	OC / FGR /	/ / CAN	360-2	A-3	4500	2.71	0.86	9.4	2.7	5.3
EXHAUST DETERIORATION FACTORS FOR	OC / FGR /	/ /	/ /	FAMILY TO-160-2-A				1.279	1.000	1.274	N/A
EVAPOR. DETERIORATION FACTORS FOR	/ /	/ /	/ /	FAMILY K-8				N/A	N/A	N/A	1.040

CHRYSLER--EVAP-EMISSION-FAMILY

EVAPORATIVE-EMISSION-FAMILY TEST VEHICLES

K-1	C DODGE VAN DODGE VAN DODGE VAN	AIR/OC / FGR /	/ / CAN	225-2	M-3	4000	3.55	0.26	4.1	1.8	2.0
		OC / FGR /	/ /	225-2	M-3	4000	3.55	0.71	1.5	2.6	2.3
		OC / FGR /	/ /	318-2	A-3	4000	3.21	1.7	2.0	2.0	2.2
K-11	C PLYMOUTH VAN C DODGE VAN	AIR/OC / FGR /	/ / CAN	318-4	M-3	4500	3.21	0.79	9.3	1.4	3.9
		AIR/OC / FGR /	/ /	360-4	A-3	4500	2.71	0.47	4.6	1.6	4.2
K-12	PLYMOUTH VAN PLYMOUTH VAN	OC / FGR /	/ /	360-2	A-3	4500	2.71	0.92	9.5	2.3	5.4
		OC / FGR /	/ /	360-2	A-3	4500	2.71	1.1	1.5	2.6	4.0
K-2	C DODGE PICKUP DODGE PICKUP DODGE PICKUP DODGE PICKUP	AIR/OC / FGR /	/ / CAN	225-2	A-3	4000	3.55	0.44	5.4	1.8	2.5
		OC / FGR /	/ /	225-2	M-4	4000	3.55	1.5	1.5	2.6	4.4
		OC / FGR /	/ /	318-2	M-4	4500	3.21	1.7	2.0	2.5	2.6
		OC / FGR /	/ /	318-2	M-4	4000	3.21	1.6	1.5	1.9	2.0
K-4	C DODGE VAN	AIR/OC / FGR /	/ / CAN	318-4	A-3	4000	3.21	0.46	4.7	1.5	3.2
K-5	C DODGE PICKUP C DODGE PICKUP C DODGE PICKUP	AIR/OC / FGR /	/ / CAN	318-4	M-4	4000	3.21	0.90	8.1	1.3	3.8
		AIR/OC / FGR /	/ /	360-4	A-3	4500	2.71	0.53	1.2	1.4	4.7
		AIR/OC / FGR /	/ /	360-4	A-3	4000	2.71	0.41	7.2	1.1	4.9
K-7	DODGE VAN	OC / FGR /	/ / CAN	360-2	A-3	4500	2.71	0.63	8.1	2.9	2.7

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXHA EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY TRUCKS

MODEL	VEHICLE CATEGORY	VEHICLE CLASS	EMISSION CONTROL SYSTEM	ENGINE TYPE	DISPLACEMENT (L)	WEIGHT (KG)	CLASS	APL	CERTIFICATION LEVELS			
									EXHAUST EMISSION (GRAMS/MILE)	HYDROCARBON EMISSION (GRAMS/MILE)	OXIDES OF NITROGEN EMISSION (GRAMS/MILE)	
CHRYSLER -- L VAPOR EMISSION FACTORS												
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DODGE VAN	/	/	/	/	/	/	/	/	/	/
EVALUATIVE EMISSION TEST VEHICLES												
K-10	DODGE PICKUP	DODGE PICKUP	/	/	/	/	/	/	/	/	/	/
K-10	DODGE VAN	DOD										

*NOTE: THIS VEH GENERATED EVAP EMISSIONS, AS WELL AS EXH EMISSIONS, TEST RESULTS, A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SELECTION "FLOW."

1978 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURED
EXHIBITS FAMILY/FAP-EMISS FAM
(CUBIC INCH DISPLACEMENT)
CARBON COVERED

WE HIGLY CAMPLINE
RESPENSE

FORD = FAMILY_COMPUTATIONS_CERTIFIED:

53731774-1531-Y71WVJ-RO1SS1W3-15WV73

TJ51M1x100 / 1010 10 (CONT.)

Run	Time (min)	Conc. (ppm)	Temp. (°C)	Flow Rate (ml/min)	Detector Response
1	1.372	1.146	1.000	N/A	N/A
2	N/A	N/A	N/A	N/A	N/A

ISSUAL 100 / INOY IN
(151,600)
PICKUP

PICKUP
PICKUP
C PICKUP

W. J. FORD

Y151WALX190 / 1004 10
(1511)

C	VAN	(FCO/CLUH MG)	C	VAN	(FCO/CLUH MG)
	VAN	(FCO/CLUH MG)		VAN	(FCO/CLUH MG)
	VAN	(FCO/CLUH MG)		VAN	(FCO/CLUH MG)
	VAN	(FCO/CLUH MG)		VAN	(FCO/CLUH MG)
	VAN	(FCO/CLUH MG)		VAN	(FCO/CLUH MG)

(F) EXHAUST DETERIORATION FACTOR
(F) VAPOR, DETERIORATION FACTOR

1151
Y351W1X100 / IN04 IN

C VAN (ECO/CLUB WG) C VAN (FC)
VAN (FC)
C VAN (ECO/CLUB WG) VAN (FC)
VAN (FC)
VAN (FC)
VAN (FC)

(EXHAUST DEFEORATION FA
(F VAPOR, DEFERIORATION FA

•NOTE: THIS VEH GENERATED FPAP ENIS, AS WELL AS EXI ENIS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH FPAP ENIS FAMILY IS PROVIDED IN THE EVAP ENIS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY TRUCKS														
MANUFACTURER EXH-EMISS FAMILY/VAP-EMISS FAN (CUBIC INCH DISPLACEMENT) CARBONS COVERED	YEAR	MODEL	EMISSION CONTROL SYSTEM	VEHICLE CATEGORY	ENGINE DISPLACEMENT (LITERS)	INERTIA WEIGHT (LBS)	CLASS	AXLE RATIO	CERTIFICATION LEVELS					
									EXHAUST EMISSION (GRAMS/MILE)	HYDROCARBONS (PPM)	NITROGEN (PPM)	HYDROCARBONS (PPM)		
EVALUATIVE EMISSION FAMILY TEST VEHICLES														
T1	VAN (FCO/CLUR WG) PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/
T002 ID	C PICKUP C PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/
T004 ID	VAN (FCO/CLUR WG) VAN (FCO/CLUR WG)	/	/	/	/	/	/	/	/	/	/	/	/	/
T006 ID	C PICKUP PICKUP PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/
T010 ID	PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/
T1	VAN (FCO/CLUR WG) PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/
T001 IN	C PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/
T003 IN	VAN (FCO/CLUR WG) VAN (FCO/CLUR WG)	/	/	/	/	/	/	/	/	/	/	/	/	/
T007 IN	PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/
T009 IN	PICKUP C PICKUP	/	/	/	/	/	/	/	/	/	/	/	/	/

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1974 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURE
EXH-EMISS FAMILY/VAP-EMISS FAM
(CUBIC INCH DISPLACEMENT)
CARBURETOR COVERED

VEHICLE CAPABILITY
REPRESENTED

GENERAL MOTORS -- FAMILY COMBINATIONS CERTIFIED

R12J1U / HCHV (CONT.)											
GMC PICKUP											
GMC VAN	OC / FGR/DTR /	/	/CAN	250-1	A-3	4500	3.08	0.72	10.	2.8	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	250-1	M-3	4000	3.73	0.93	8.7	2.9	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	250-1	M-3	4000	1.07	0.81	9.3	2.4	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	250-1	M-4	4500	3.73	0.94	11.	2.1	1.6
(EXHAUST DETERIORATION FACTORS FOR -											
(EVAPOR. DETERIORATION FACTORS FOR -											
R12J4H / HCH RHFV											
(150)											
CHEV. VAN	OC / FGR/DTR /	/	/CAN	350-4	A-3	4500	3.07	0.66	8.8	1.4	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	350-4	A-3	4500	2.76	0.70	11.	2.0	N/A
GMC VAN	OC / FGR/DTR /	/	/CAN	350-4	M-3	5000	2.73	0.75	8.3	2.3	3.4
GMC PICKUP	OC / FGR/DTR /	/	/CAN	350-4	M-3	5000	3.42	1.1	7.6	2.0	2.2
CHEV. VAN	OC / FGR/DTR /	/	/CAN	350-4	M-4	4500	3.40	1.4	20.	2.1	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	350-4	M-4	4500	3.40	1.4	20.	2.1	N/A
(EXHAUST DETERIORATION FACTORS FOR -											
(EVAPOR. DETERIORATION FACTORS FOR -											
R12J4H / RCFV											
(150)											
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	350-4	A-3	5000	2.73	0.75	8.3	2.3	N/A
GMC PICKUP	OC / FGR/DTR /	/	/CAN	350-4	A-3	4500	3.07	0.66	8.8	1.4	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	350-4	A-3	4500	2.76	0.70	11.	2.0	2.1
CHEV. VAN	OC / FGR/DTR /	/	/CAN	350-4	M-3	5000	3.42	1.1	7.6	2.0	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	350-4	M-4	4500	3.40	1.4	20.	2.1	5.8
(EXHAUST DETERIORATION FACTORS FOR -											
(EVAPOR. DETERIORATION FACTORS FOR -											
R12J4H / HCH RHFV											
(150)											
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	350-4	A-3	6000	2.76	0.50	12.	1.7	N/A
CHEV. PICKUP	OC / FGR/DTR /	/	/CAN	350-4	A-3	4500	2.76	0.31	5.9	1.5	N/A
CHEV. VAN	OC / FGR/DTR /	/	/CAN	350-4	A-3	5000	3.73	0.52	9.8	1.8	N/A
CHEV. VAN	OC / FGR/DTR /	/	/CAN	350-4	M-3	5000	3.07	0.81	11.	1.3	N/A
CHEV. UTILITY	OC / FGR/DTR /	/	/CAN	350-4	M-4	5500	4.10	0.81	11.	1.4	2.3
CHEV. SUBURBAN	OC / FGR/DTR /	/	/CAN	400-4	A-3	4500	2.76	0.28	4.3	1.4	3.8
CHEV. SUBURBAN	OC / FGR/DTR /	/	/CAN	400-4	A-3	6000	3.73	0.31	6.4	1.7	N/A

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

MANUFACTURER
EXH-EMISS FAMILY/VAP-EMISS FAM
(CRITIC INCH D²/PLACEMENT)
CAHLITES COVERED

[illegible]

NOTE: THIS VEH GENERATED EVAP THIS AS WELL AS EXH EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURER EXH-EMISS FAMILY/EVAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINES COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA A WEIGHT N CLASS	AXLE RATIO	HYDRO- CARBONS	HYDRO- METHANE	NITROGEN	OXYGENS	CERTIFICATION LEVELS	
										EXHAUST EMISSION (GRAMS/MILE)	EVAPORATION EMISSIONS (GRAMS)
GENERAL MODELS - EVAP-EMISSION FAMILIES											
EVAPORATIVE-EMISSION FAMILY TEST VEHICLES											
ACCH RRCV (CONT.)	MONZA	OC / FGR/OIR/	/ CAN 105-2	M-4 3500	3.08	0.65	5.4	1.6	1.6	1.6	1.6
RCH RRV	RE GAL	OC / FGR/OIR/	/ CAN 305-4	A-3 3500	2.29	0.67	6.0	2.0	2.0	2.0	2.0
	*GMC VAN	AIR/OC / FGR/OIR/	/ CAN 350-4	A-3 5000	3.73	0.52	9.8	1.4	1.4	1.4	1.4
	GMC VAN	OC / FGR/OIR/	/ CAN 350-4	A-3 5000	2.73	0.75	8.3	2.1	2.1	2.1	2.1
	*CAMARO	AIR/OC / FGR/OIR/	/ CAN 350-4	A-3 4000	3.42	1.1	7.7	1.4	1.4	1.4	1.4
	CHEV. VAN	OC / FGR/OIR/	/ CAN 350-4	A-3 5000	3.42	1.1	7.6	2.0	2.0	2.0	2.0
	CHEV. SURUPHAN	AIR/OC / FGR/OIR/	/ CAN 350-4	M-4 5500	4.10	0.83	11.1	1.4	1.4	1.4	1.4
	CHEV. VAN	OC / FGR/OIR/	/ CAN 350-4	M-4 4000	3.73	0.77	5.1	1.4	1.4	1.4	1.4
	CHEV. SURUPHAN	AIR/OC / FGR/OIR/	/ CAN 450-4	A-3 4500	2.76	0.24	4.3	1.4	1.4	1.4	1.4
	CHEV. SURUPHAN	AIR/OC / FGR/OIR/	/ CAN 450-4	A-3 5500	4.10	0.24	5.3	2.1	2.1	2.1	2.1
	CHEV. CAR CHASSIS	AIR/OC / FGR/OIR/	/ CAN 450-4	A-3 6000	4.10	0.34	1.7	1.7	1.7	1.7	1.7
RHHV	CHEVROLET	AIR/OC / FGR/OIR/	/ CAN 250-1	A-3 4000	2.73	0.31	2.7	0.86	0.86	0.86	0.86
	CHEVROLET	OC / FGR/OIR/	/ CAN 250-1	A-3 4000	2.73	0.44	9.0	1.6	1.6	1.6	1.6
	CHEV. VAN	AIR/OC / FGR/OIR/	/ CAN 250-1	A-3 4500	3.08	0.34	6.4	1.7	1.7	1.7	1.7
	CHEV. VAN	AIR/OC / FGR/OIR/	/ CAN 250-1	M-3 4500	4.09	0.54	3.8	1.5	1.5	1.5	1.5
	NOVA	OC / FGR/OIR/	/ CAN 250-1	M-3 4000	2.73	0.61	5.9	1.9	1.9	1.9	1.9
RHRV	CHEV. PICKUP	OC / FGR/OIR/	/ CAN 250-1	A-3 4000	3.07	0.65	8.1	2.4	2.4	2.4	2.4
	CHEV. PICKUP	AIR/OC / FGR/OIR/	/ CAN 250-1	M-4 4500	4.11	0.52	4.0	1.7	1.7	1.7	1.7
	CHEV. PICKUP	OC / FGR/OIR/	/ CAN 250-1	M-4 4500	3.73	0.94	11.1	2.1	2.1	2.1	2.1
RRCV	CHEV. PICKUP	OC / FGR/OIR/	/ CAN 305-2	A-3 4500	3.40	0.67	6.4	2.9	2.9	2.9	2.9
	CHEV. PICKUP	OC / FGR/OIR/	/ CAN 305-2	A-3 4500	2.76	0.75	6.3	2.8	2.8	2.8	2.8
RCFV	CHEV. PICKUP	OC / FGR/OIR/	/ CAN 350-4	A-3 4500	2.76	0.70	11.1	2.0	2.0	2.0	2.0
	CHEV. PICKUP	OC / FGR/OIR/	/ CAN 350-4	M-4 4500	3.40	1.4	20.1	2.1	2.1	2.1	2.1
ISUZU - FAMILY COMBINATIONS - CERTIFIED											
EXHAUST-EMISSION FAMILY TEST VEHICLES											
GIROZL-F / CRKL (111) C LUV PICKUP	C LUV CAR CHASSIS	AIR/OC / FGR/	/ CRKL 111-2	A-3 3000	4.10	0.30	8.3	1.6	1.6	1.6	1.6 *

NOTE: THIS VEH GENERATED EVAP THIS AS WELL AS EXH THIS TEST RESULT A COMPLETE LISTING ON ALL TEST VEHICLES BELONGING TO EACH EVAP THIS FAMILY IS PROVIDED IN THE EVAP THIS FAMILY SECTION BELOW.

*NOTE: THIS VEH GROUPED EVAP THIS AS WELL AS EXHAUST TEST HEREIN IS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSION FAMILY IS PROVIDED IN THE EVAP EMISSION FAMILY SECTION BELOW.

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1974 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURER
EXH-EMISS FAMILY/EVAP-EMISS FAM
(CUBIC INCH DISPLACEMENT)
CARLINES COVERED

VEHICLE CAPLINE
REPRESENTED

TOYO, KOBEKO -- FAMILY COMBINATIONS CERTIFIED

EXHAUST-EMISSION FAMILY TEST VEHICLES

MODEL / SCC (140)	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS		HYDRO- CARBONS	NITROGEN OXIDES	EVAPOR. EMISSIONS (GRAMS)
						EXHAUST EMISSION (GRAMS/MILE)	CARBON MONOXIDE			
C COURIER PICKUP	C COURIER PICKUP	AIR/OC / FGR/	140-2	A-3	3000	3.64	0.32	4.0	1.4	3.0 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-4	3000	3.64	0.39	4.6	1.1	2.5 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-5	3000	3.64	0.41	4.6	1.1	N/A

(EXHAUST DETERIORATION FACTORS FOR - AIR/OC / FGR/

(EVAPOR. DETERIORATION FACTORS FOR - / /

RFVHT / SCC

MODEL / SCC (110)	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS		HYDRO- CARBONS	NITROGEN OXIDES	EVAPOR. EMISSIONS (GRAMS)
						EXHAUST EMISSION (GRAMS/MILE)	CARBON MONOXIDE			
C COURIER PICKUP	C COURIER PICKUP	AIR/OC / FGR/	140-2	A-3	3000	3.64	0.32	4.0	1.4	3.0 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-4	3000	3.64	0.39	4.6	1.1	2.5 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-5	3000	3.64	0.41	4.6	1.1	N/A

(EXHAUST DETERIORATION FACTORS FOR - AIR/OC / FGR/

(EVAPOR. DETERIORATION FACTORS FOR - / /

RFVHT / SCC

MODEL / SCC (140)	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS		HYDRO- CARBONS	NITROGEN OXIDES	EVAPOR. EMISSIONS (GRAMS)
						EXHAUST EMISSION (GRAMS/MILE)	CARBON MONOXIDE			
C COURIER PICKUP	C COURIER PICKUP	AIR/OC / FGR/	140-2	A-3	3000	3.64	0.32	4.0	1.4	3.0 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-4	3000	3.64	0.39	4.6	1.1	2.5 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-5	3000	3.64	0.41	4.6	1.1	N/A

(EXHAUST DETERIORATION FACTORS FOR - AIR/OC / FGR/

(EVAPOR. DETERIORATION FACTORS FOR - / /

RFVHT / SCC

TOYO, KOBEKO -- EVAP-EMISSION FAMILY TEST

EXHAUSTIVE-EMISSION FAMILY TEST VEHICLES

MODEL / SCC	VEHICLE CAPLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARB	INERTIA WEIGHT CLASS	AXLE RATIO	CERTIFICATION LEVELS		HYDRO- CARBONS	NITROGEN OXIDES	EVAPOR. EMISSIONS (GRAMS)
						EXHAUST EMISSION (GRAMS/MILE)	CARBON MONOXIDE			
C COURIER PICKUP	C COURIER PICKUP	AIR/OC / FGR/	140-2	A-3	3000	3.64	0.32	4.0	1.4	3.0 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-4	3000	3.64	0.39	4.6	1.1	2.5 *
	C COURIER PICKUP	AIR/OC / FGR/	140-2	M-5	3000	3.64	0.41	4.6	1.1	N/A

*NOTE: THIS VEH GENERATED EVAP EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1978 MODEL YEAR LIGHT-DUTY TRUCKS										
MANUFACTURER EXH-AUTOMOBILE CARLINS COMPANY	VEHICLE CAPLINE DESCRIPTION	EMISSION CONTROL SYSTEM	VEHICLE CLASS	INERTIA WEIGHT CLASS	CALCULATION LEVELS					
					EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS OF OXIDES	CARBON MONOXIDE	NITROGEN OXIDES	HYDRO- CARBONS	
TOTAL - FAMILY COMBINATIONS CAPLINED										
EXHAUST-EMISSION FAMILY TEST VEHICLES										
200(T) / EV-F										
(250)										
C LAND CRUISER	C LAND CRUISER	W/	250-2	M-4	4500	4.11	0.55	1.1	1.4	2.1 *
C LAND CRUISER	C LAND CRUISER	W/	250-2	M-4	4000	4.11	0.43	1.1	1.3	1.3 *
(EXHAUST DETERIORATION FACTORS FOR -										
(EVAPOR, DETERIORATION FACTORS FOR -										
200(T) / EV-F										
(250)										
C LAND CRUISER	C LAND CRUISER	W/	250-2	M-4	4000	4.11	1.6	1.9	2.5	1.1 *
C LAND CRUISER	C LAND CRUISER	W/	250-2	M-4	4500	4.11	1.2	1.7	2.3	1.0 *
C LAND CRUISER	C LAND CRUISER	W/	250-2	M-4	4000	4.11	1.2	1.4	2.4	0.8 *
(EXHAUST DETERIORATION FACTORS FOR -										
(EVAPOR, DETERIORATION FACTORS FOR -										
200(TC) / EV-H										
(134)										
C MILUX	C MILUX	W/	134-2	A-3	2750	4.11	0.12	1.8	1.3	N/A
C MILUX	C MILUX	W/	134-2	M-4	3500	4.11	0.31	6.4	1.6	N/A
C MILUX	C MILUX	W/	134-2	M-5	3000	4.11	0.27	2.8	1.4	N/A
C MILUX	C MILUX	W/	134-2	M-5	3000	4.11	0.27	3.1	1.6	1.1 *
C MILUX	C MILUX	W/	134-2	M-5	2750	4.11	0.19	2.0	1.3	0.73 *
(EXHAUST DETERIORATION FACTORS FOR -										
(EVAPOR, DETERIORATION FACTORS FOR -										
200(TF) / EV-R										
(134)										
C MILUX	C MILUX	W/	134-2	A-3	2750	4.11	0.75	1.3	2.3	N/A
C MILUX	C MILUX	W/	134-2	M-4	3500	4.11	0.92	1.4	2.6	1.7 *
C MILUX	C MILUX	W/	134-2	M-5	3000	4.11	0.81	1.3	2.4	N/A
C MILUX	C MILUX	W/	134-2	M-5	2750	4.11	0.73	1.4	2.0	N/A
(EXHAUST DETERIORATION FACTORS FOR -										
(EVAPOR, DETERIORATION FACTORS FOR -										

*NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXHAUST EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SPECIFICATION BELOW.

1978 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURER EXH-EMISS FAMILY/VAP-EMISS FAM (CUBIC INCH DISPLACEMENT) CARLINE'S COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	VEHICLE'S CLASS	INERTIA WEIGHT CLASS	A/F RATIO	CERTIFICATION LEVELS		
						EXHAUST EMISSION (GRAMS/MILE)	HYDRO- CARBONS (PPHM)	HYDRO- CARBONS (GRAMS)

TOYOTA -- EVAP-EMISSION FAMILIES:

EVAPORATIVE-EMISSION FAMILY TEST VEHICLES								
EV-4	C LAND CRUISER	AIR/THH/EGH/	/	/CAN	258-2	M-4	4000	4.11
	C LAND CRUISER	AIR/EGH/	/	/CAN	258-2	M-4	4000	4.11
	C LAND CRUISER WG	AIR/THH/EGH/	/	/CAN	258-2	M-4	4500	4.11
	C LAND CRUISER WG	AIR/EGH/	/	/CAN	258-2	M-4	4500	4.11
EV-8	C LAND CRUISER	AIR/THH/EGH/	/	/CAN	258-2	M-4	4000	4.11
	C LAND CRUISER	AIR/EGH/	/	/CAN	258-2	M-4	4000	4.11
	C LAND CRUISER WG	AIR/THH/EGH/	/	/CAN	258-2	M-4	4500	4.11
	C LAND CRUISER WG	AIR/EGH/	/	/CAN	258-2	M-4	4500	4.11
EV-8	C CORONA WAGON	AIR/OC /EGH/	/	/CAN	136-2	A-3	3000	3.58
	C CORONA	AIR/EGH/	/	/CAN	136-2	M-4	3000	3.58
	C HILUX CAB CHASSIS	AIR/EGH/	/	/CAN	136-2	M-4	3500	4.11
	C HILUX	AIR/OC /EGH/	/	/CAN	136-2	M-5	3000	4.11
EV-8	C HILUX	AIR/OC /EGH/	/	/CAN	136-2	M-5	2750	4.11
	C CELICA	AIR/OC /EGH/	/	/CAN	136-2	M-5	2750	4.11
	C CELICA	AIR/OC /EGH/	/	/CAN	136-2	M-5	2750	4.11
	C CELICA	AIR/OC /EGH/	/	/CAN	136-2	M-5	2750	4.11

VOLVO -- FAMILY COMBINATIONS CERTIFIED:

EXHAUST-EMISSION FAMILY TEST VEHICLES

10 / L (120) C HUS (WG., KOM., CAM)	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	A-3	3500	4.09
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
11 / L (120) C HUS (WG., KOM., CAM)	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	A-3	3500	4.09
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
9 / L (120) C HUS (WG., KOM., CAM)	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	A-3	3500	4.09
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57
	C HUS (WG., KOM., CAM)	FI /OC /EGH/	/	/CAN	120-FI	M-4	3500	4.57

*NOTE: THIS VEH GENERATED EVAP EMISS AS WELL AS EXH EMISS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISS FAMILY IS PROVIDED IN THE EVAP EMISS FAMILY SECTION BELOW.

1974 MODEL YEAR LIGHT-DUTY TRUCKS

MANUFACTURER
EPA-EMISSIONS FAMILY/EVAP-EMISSIONS FAMILY
(CUBIC INCH DISPLACEMENT)
CARBON DIOXIDE CONSUMPTION

VEHICLE CATEGORY
VEHICLE CATEGORY
VEHICLE CATEGORY

VEHICLE CATEGORY

VEHICLE CATEGORY

9 / L (LIGHT)

VEHICLE CATEGORY

VEHICLE CATEGORY

L

L

NOTE: THIS VEH GENERATED EVAP EMISSIONS AS WELL AS EXH EMISSIONS TEST RESULTS A COMPLETE LISTING OF ALL TEST VEHICLES BELONGING TO EACH EVAP EMISSIONS FAMILY IS PROVIDED IN THE EVAP EMISSIONS FAMILY SECTION BELOW.

[illegible]

1978 MODEL YEAR LIGHT-DUTY DIESEL TRUCKS																			
MANUFACTURER EXHAUST EMISSION FAMILIES (CUBIC INCH DISPLACEMENT) CARLINS COVERED	VEHICLE CARLINE REPRESENTED	EMISSION CONTROL SYSTEM	ENGINE DISP. & CARR	INERTIA A WEIGHT N CLASS	HAZARD CLASS	CERTIFICATION LEVELS													
						EXHAUST EMISSION (GRAMS/MILE)													
						HYDRO- CARBONS	CARBON MONOXIDE	OXIDES OF NITROGEN	EVAPOR- EMISSIONS	TOTAL									
GENERAL MOTORS - FAMILIES CERTIFIED																			
EXHAUST-EMISSION FAMILY TEST VEHICLES																			
ATZ J9 (150)	CHEV. PICKUP	FI	/	/	/	350-FI	A-3	5000	3.40	0.74	1.8	2.0	N/A						
	CHEV. PICKUP	FI	/	/	/	350-FI	A-3	5000	2.76	0.84	1.8	1.6	N/A						
	GMC PICKUP	FI	/	/	/	350-FI	A-3	4500	2.76	1.0	1.8	1.7	N/A						
	GMC PICKUP	FI	/	/	/	350-FI	A-3	5000	3.40	0.92	1.9	1.9	N/A						
EXHAUST DETERIORATION FACTORS FOR - FI											/	/	/	/	/	1.156	1.091	1.060	N/A
FAMILY B1/J9																			

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