

6.2 Sulfuric acid concentration

 $C_{H_2SO_4} =$

$$\left(1.08 \times 10^{-4} \frac{\text{lb.-l.}}{\text{g.-ml.}}\right) \frac{(V_i - V_{th})(N) \left(\frac{V_{soln}}{V_s}\right)}{V_{std}} \quad \text{equation 8-2}$$

where:

 $C_{H_2SO_4}$ = Concentration of sulfuric acid at standard conditions, dry basis, lb./cu. ft. 1.08×10^{-4} = Conversion factor including the number of grams per gram equivalent of sulfuric acid (49 g./g.-eq.), 453.6 g./lb., and 1,000 ml./l., lb.-l./g.-ml. V_i = Volume of barium perchlorate titrant used for the sample, ml. V_{th} = Volume of barium perchlorate titrant used for blank, ml. N = Normality of barium perchlorate titrant, g.-equivalent/liter. V_{soln} = Total solution volume of sulfuric acid (first impinger and filter), ml. V_s = Volume of sample aliquot titrated, ml. V_{std} = Volume of gas sample through the dry gas meter (standard conditions), see Equation 8-1, cu. ft.

6.3 Sulfur dioxide concentration

 $C_{SO_2} =$

$$\left(7.05 \times 10^{-5} \frac{\text{lb.-l.}}{\text{g.-ml.}}\right) \frac{(V_i - V_{th})(N) \left(\frac{V_{soln}}{V_s}\right)}{V_{std}} \quad \text{equation 8-3}$$

where:

 C_{SO_2} = Concentration of sulfur dioxide at standard conditions, dry basis, lb./cu. ft. 7.05×10^{-5} = Conversion factor including the number of grams per gram equivalent of sulfur dioxide (32 g./g.-eq.), 453.6 g./lb., and 1,000 ml./l., lb.-l./g.-ml. V_i = Volume of barium perchlorate titrant used for the sample, ml. V_{th} = Volume of barium perchlorate titrant used for the blank, ml. N = Normality of barium perchlorate titrant, g.-eq./l. V_{soln} = Total solution volume of sulfur dioxide (second and third impingers), ml. V_s = Volume of sample aliquot titrated, ml. V_{std} = Volume of gas sample through the dry gas meter (standard conditions), see Equation 8-1, cu. ft.

7. References.

Atmospheric Emissions from Sulfuric Acid Manufacturing Processes. U.S. DHEW, PHS, Division of Air Pollution. Public Health Service Publication No. 999-AP-13. Cincinnati, Ohio, 1965.

Corbett, D. F. The Determination of SO_2 and SO_3 in Flue Gases. Journal of the Institute of Fuel, 24: 237-243, 1961.

Martin, Robert M. Construction Details of Isokinetic Source Sampling Equipment. Environmental Protection Agency. Air Pollution Control Office Publication No. APTD-0581.

Patton, W. F. and J. A. Brink, Jr. New

Equipment and Techniques for Sampling Chemical Process Gases. Paper presented at the 55th Annual Meeting of APCA, Chicago, Ill. May 20-24, 1962.

Rom, Jerome J. Maintenance, Calibration, and Operation of Isokinetic Source Sampling Equipment. Environmental Protection Agency. Air Pollution Control Office Publication No. APTD-0576.

Shell Development Co. Analytical Department. Determination of Sulfur Dioxide and Sulfur Trioxide in Stack Gases. Emeryville Method Series, 4816/59a.

METHOD 9—DETERMINATION OF THE OPTICAL DENSITY OR OPACITY OF VISIBLE EMISSIONS FROM STATIONARY SOURCES

1. Principle and applicability.

1.1 Principle. The relative optical density or opacity of an emission from a stationary source is determined visually by a qualified observer.

1.2 Applicability. This method is applicable for the determination of the relative optical density or opacity of visible emissions from stationary sources only when specified by test procedures for determining compliance with New Source Performance Standards.

2. Procedures.

2.1 Black or gray smoke. The qualified observer stands at least two stack heights but not more than a quarter of a mile from the base of the stack with the sun to his back. From a vantage point perpendicular to the plume, the observer studies the point of greatest optical density in the plume. Record the data required in Figure 9-1 every 15 to

30 seconds. Read to the nearest quarter Ringelmann number.

2.2 Smoke other than gray or black. The qualified observer goes through the same procedure as depicted in section 2.1 except readings of opacity are recorded instead of Ringelmann numbers.

3. Qualifications.

3.1 To qualify as an observer, a candidate must complete a smoke-reading course conducted by OAP, or equivalent. The candidate must be able to assign Ringelmann numbers to the nearest quarter of a Ringelmann number to 25 different smoke plumes, with an error not to exceed 15 percent on any one reading and an average error not to exceed 7.5 percent on all 25 readings. The smoke generator used to train the observers should be equipped with a calibrated smoke indicator or light transmission meter located in the source stack of the smoke generator to determine the actual Ringelmann number or opacity of the emissions. All qualified observers must pass this test every year in order to be recertified.

3.2 To pass the test for certification for observing opacity, one must assign opacity readings in 5 percent increments to 25 different plumes, with an error not to exceed 15 percent on any one reading and an average error not to exceed 7.5 percent on all 25 readings. All qualified observers must pass this test every year in order to be recertified.

4. Calculations.

4.1 Ringelmann number. Determine the average reading.

4.2 Opacity. Determine the average reading.

TIME	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
0																					
1																					
2																					
3																					
4																					
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Observation data

Plant _____

Stack location _____

Observer _____

Date _____

Time _____

Distance to stack _____

Wind direction _____

Wind speed _____

Sum of numbers recorded _____

Total number of readings _____

Ringelmann no. 2 _____

Sum of nos. recorded _____

Total no. readings _____

Opacity 2 _____

Sum of nos. recorded _____

Total no. readings _____

Figure 9-1. Field data.

5. References.

Air Pollution Control District Rules and Regulations. Los Angeles County Air Pollution Control District, Chapter 2, Schedule 6, Regulation 4. Prohibition, Rule 50, 17 p.

Kudluk, Rudolf. Ringelmann Smoke Chart. U.S. Dept. of Interior, Bureau of Mines. Information Circular No. 8333. May 1967.

[FR Doc.71-11436 Filed 8-16-71; 8:45 am]

federal register

TUESDAY, AUGUST 17, 1971

WASHINGTON, D.C.

Volume 36 ■ Number 159



PART III

THE PRESIDENT

■

**Proclamation: Imposition of
Supplemental Duty for Bal-
ance of Payments Purposes**

■

**Executive Order: Providing for
Stabilization of Prices, Rents,
Wages, and Salaries**

Title 3—The President

PROCLAMATION 4074

Imposition of Supplemental Duty
for Balance of Payments Purposes*By the President of the United States of America*

A Proclamation

WHEREAS, there has been a prolonged decline in the international monetary reserves of the United States, and our trade and international competitive position is seriously threatened and, as a result, our continued ability to assure our security could be impaired;

WHEREAS, the balance of payments position of the United States requires the imposition of a surcharge on dutiable imports;

WHEREAS, pursuant to the authority vested in him by the Constitution and the statutes, including, but not limited to, the Tariff Act of 1930, as amended (hereinafter referred to as "the Tariff Act"), and the Trade Expansion Act of 1962 (hereinafter referred to as "the TEA"), the President entered into, and proclaimed tariff rates under, trade agreements with foreign countries;

WHEREAS, under the Tariff Act, the TEA, and other provisions of law, the President may, at any time, modify or terminate, in whole or in part, any proclamation made under his authority;

NOW, THEREFORE, I, RICHARD NIXON, President of the United States of America, acting under the authority vested in me by the Constitution and the statutes, including, but not limited to, the Tariff Act, and the TEA, respectively, do proclaim as follows:

A. I hereby declare a national emergency during which I call upon the public and private sector to make the efforts necessary to strengthen the international economic position of the United States.

B. (1) I hereby terminate in part for such period as may be necessary and modify prior Presidential Proclamations which carry out trade agreements insofar as such proclamations are inconsistent with, or proclaim duties different from, those made effective pursuant to the terms of this Proclamation.

(2) Such proclamations are suspended only insofar as is required to assess a surcharge in the form of a supplemental duty amounting to 10 percent ad valorem. Such supplemental duty shall be imposed on all dutiable articles imported into the customs territory of the United States from outside thereof, which are entered, or withdrawn from warehouse, for consumption after 12:01 a.m., August 16, 1971, provided, however, that if the imposition of an additional duty of 10 percent ad valorem would cause the total duty or charge payable to exceed the total duty or

charge payable at the rate prescribed in column 2 of the Tariff Schedules of the United States, then the column 2 rate shall apply.

C. To implement section B of this Proclamation, the following new subpart shall be inserted after subpart B of part 2 of the Appendix to the Tariff Schedules of the United States:

SUBPART C—TEMPORARY MODIFICATIONS FOR BALANCE OF PAYMENTS PURPOSES

Subpart C headnotes:

1. This subpart contains modifications of the provisions of the tariff schedules proclaimed by the President in Proclamation 4074.

2. *Additional duties imposed*—The duties provided for in this subpart are cumulative duties which apply in addition to the duties otherwise imposed on the articles involved. The provisions for these duties are effective with respect to articles entered on and after 12:01 a.m., August 16, 1971, and shall continue in effect until modified or terminated by the President or by the Secretary of the Treasury (hereinafter referred to as the Secretary) in accordance with headnote 4 of this subpart.

3. *Limitation on additional duties*—The additional 10 percent rate of duty specified in rate of duty column numbered 1 of item 948.00 shall in no event exceed that rate which, when added to the column numbered 1 rate imposed on the imported article under the appropriate item in schedules 1 through 7 of these schedules, would result in an aggregated rate in excess of the rate provided for such article in rate of duty column numbered 2.

4. For the purposes of this subpart—

(a) *Delegation of authority to Secretary*—The Secretary may from time to time take action to reduce, eliminate or reimpose the rate of additional duty herein or to establish exemption therefrom, either generally or with respect to an article which he may specify either generally or as the product of a particular country, if he determines that such action is consistent with safeguarding the balance of payments position of the United States.

(b) *Publication of Secretary's actions*—All actions taken by the Secretary hereunder shall be in the form of modifications of this subpart published in the FEDERAL REGISTER. Any action reimposing the additional duties on an article exempted therefrom by the Secretary shall be effective only with respect to articles entered on and after the date of publication of the action in the FEDERAL REGISTER.

(c) *Authority to prescribe rules and regulations*—The Secretary is authorized to prescribe such rules and regulations as he determines to be necessary or appropriate to carry out the provisions of this subpart.

5. *Articles exempt from the additional duties*—In accordance with determinations made by the Secretary in accordance with headnote 4(a), the following described articles are exempt from the provisions of this subpart:

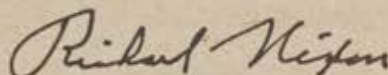
* * * * *

THE PRESIDENT

Item	Article	Rates of duty	
		1	2
948.00	Articles, except as exempted under headnote 5 of this subpart, which are not free of duty under these schedules and which are the subject of tariff concessions granted by the United States in trade agreements.....	10% ad val... (See headnote 3 of this subpart.)	No change.

D. This Proclamation shall be effective 12:01 a.m., August 16, 1971.

IN WITNESS WHEREOF, I have hereunto set my hand this fifteenth day of August in the year of our Lord nineteen hundred and seventy-one, and of the Independence of the United States of America the one hundred and ninety-sixth.



[FR Doc. 71-12120 Filed 8-16-71; 12:26 pm]

NOTE: For the text of the President's radio and television address in connection with Proclamation 4074, above, see Weekly Comp. of Pres. Docs., Vol. 7, No. 34, issue of Aug. 23, 1971.

EXECUTIVE ORDER 11615

Providing for Stabilization of Prices, Rents, Wages, and Salaries

WHEREAS, in order to stabilize the economy, reduce inflation, and minimize unemployment, it is necessary to stabilize prices, rents, wages, and salaries; and

WHEREAS, the present balance of payments situation makes it especially urgent to stabilize prices, rents, wages, and salaries in order to improve our competitive position in world trade and to protect the purchasing power of the dollar:

NOW, THEREFORE, by virtue of the authority vested in me by the Constitution and statutes of the United States, including the Economic Stabilization Act of 1970 (P.L. 91-379, 84 Stat. 799), as amended, it is hereby ordered as follows:

SECTION 1. (a) Prices, rents, wages, and salaries shall be stabilized for a period of 90 days from the date hereof at levels not greater than the highest of those pertaining to a substantial volume of actual transactions by each individual, business, firm or other entity of any kind during the 30-day period ending August 14, 1971, for like or similar commodities or services. If no transactions occurred in that period, the ceiling will be the highest price, rent, salary or wage in the nearest preceding 30-day period in which transactions did occur. No person shall charge, assess, or receive, directly or indirectly in any transaction prices or rents in any form higher than those permitted hereunder, and no person shall, directly or indirectly, pay or agree to pay in any transaction wages or salaries in any form, or to use any means to obtain payment of wages and salaries in any form, higher than those permitted hereunder, whether by retroactive increase or otherwise.

(b) Each person engaged in the business of selling or providing commodities or services shall maintain available for public inspection a record of the highest prices or rents charged for such or similar commodities or services during the 30-day period ending August 14, 1971.

(c) The provisions of sections 1 and 2 hereof shall not apply to the prices charged for raw agricultural products.

SEC. 2. (a) There is hereby established the Cost of Living Council which shall act as an agency of the United States and which is hereinafter referred to as the Council.

(b) The Council shall be composed of the following members: The Secretary of the Treasury, the Secretary of Agriculture, the Secretary of Commerce, the Secretary of Labor, the Director of the Office of Management and Budget, the Chairman of the Council of Economic Advisers, the Director of the Office of Emergency Preparedness, and the Special Assistant to the President for Consumer Affairs. The Secretary of the Treasury shall serve as Chairman of the Council and the Chairman of the Council of Economic Advisers shall serve as Vice Chairman. The Chairman of the Board of Governors of the Federal Reserve System shall serve as adviser to the Council.

(c) Under the direction of the Chairman of the Council a Special Assistant to the President shall serve as Executive Director of the Council,

and the Executive Director is authorized to appoint such personnel as may be necessary to assist the Council in the performance of its functions.

SEC. 3. (a) Except as otherwise provided herein, there are hereby delegated to the Council all of the powers conferred on the President by the Economic Stabilization Act of 1970.

(b) The Council shall develop and recommend to the President additional policies, mechanisms, and procedures to maintain economic growth without inflationary increases in prices, rents, wages, and salaries after the expiration of the 90-day period specified in Section 1 of this Order.

(c) The Council shall consult with representatives of agriculture, industry, labor and the public concerning the development of policies, mechanisms and procedures to maintain economic growth without inflationary increases in prices, rents, wages, and salaries.

(d) In all of its actions the Council will be guided by the need to maintain consistency of price and wage policies with fiscal, monetary, international and other economic policies of the United States.

(e) The Council shall inform the public, agriculture, industry, and labor concerning the need for controlling inflation and shall encourage and promote voluntary action to that end.

SEC. 4. (a) The Council, in carrying out the provisions of this Order, may (i) prescribe definitions for any terms used herein, (ii) make exceptions or grant exemptions, (iii) issue regulations and orders, and (iv) take such other actions as it determines to be necessary and appropriate to carry out the purposes of this Order.

(b) The Council may redelegate to any agency, instrumentality or official of the United States any authority under this Order, and may, in administering this Order, utilize the services of any other agencies, Federal or State, as may be available and appropriate.

(c) On request of the Chairman of the Council, each Executive department or agency is authorized and directed, consistent with law, to furnish the Council with available information which the Council may require in the performance of its functions.

(d) All Executive departments and agencies shall furnish such necessary assistance as may be authorized by section 214 of the Act of May 3, 1945 (59 Stat. 134; 31 U.S.C. 691).

SEC. 5. The Council may require the maintenance of appropriate records or other evidence which are necessary in carrying out the provisions of this Order, and may require any person to maintain and produce for examination such records or other evidence, in such form as it shall require, concerning prices, rents, wages, and salaries and all related matters. The Council may make such exemptions from any requirement otherwise imposed as are consistent with the purposes of this Order.

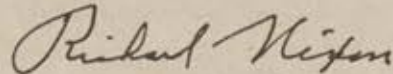
Any type of record or evidence required under regulations issued under this Order shall be retained for such period as the Council may prescribe.

SEC. 6. The expenses of the Council shall be paid from such funds of the Treasury Department as may be available therefor.

SEC. 7. (a) Whoever willfully violates this Order or any order or regulation issued under authority of this Order shall be fined not more than \$5,000 for each such violation.

(b) The Council shall in its discretion request the Department of Justice to bring actions for injunctions authorized under Section 205 of the Economic Stabilization Act of 1970 whenever it appears to the Council that any person has engaged, is engaged, or is about to engage in any acts or practices constituting a violation of any regulation or order issued pursuant to this Order.

THE WHITE HOUSE,
August 15, 1971.



[FR Doc.71-12119 Filed 8-16-71;12:25 pm]

NOTE: For the text of the President's radio and television address in connection with E.O. 11615, above, see Weekly Comp. of Pres. Docs., Vol. 7, No. 34, issue of Aug. 23, 1971.