

SECTION VII

COMPLIANCE SCHEDULES

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COMPLIANCE SCHEDULES

A. PARTICULATE MATTER

In accord with the provisions of 40CFR Parts 51.1(p) and 51.15, Regulation I of the Texas Air Control Board, promulgated on January 26, 1972, and subsequently amended, constitutes a legally enforceable compliance schedule with a terminal date of December 31, 1973 for compliance by affected sources or classes of sources. Each affected source was contacted and monitored to insure achievement of the standards required by the Regulation. Periodic reports regarding abatement and work schedule progress were required, and periodic inspections of progress made. Those sources that did not achieve compliance by December 31, 1973 were the subjects of appropriate enforcement action.

B. SULFUR DIOXIDE (SO<sub>2</sub>)

In accord with the provisions of 40CFR Parts 51.1(p) and 51.15, Regulation II of the Texas Air Control Board, promulgated on January 26, 1972, and subsequently amended, constitutes a legally enforceable compliance schedule with a terminal date of December 31, 1973 for compliance by affected sources or classes of sources. Each affected source was contacted and monitored to insure achievement of the standards required by the Regulation. Periodic reports regarding abatement and work schedule progress were required and periodic inspections of progress made. Those sources that did not achieve compliance by December 31, 1973 were the subjects of appropriate enforcement action.

C. NITROGEN COMPOUNDS

In accord with the provisions of 40CFR Parts 51.1(p), Regulation VII of the Texas Air Control Board, promulgated on July 27, 1972 to be enforced as of December 31, 1973, July 1, 1974, and July 1, 1976 constitutes a legally enforceable compliance schedule with a terminal date for compliance by affected sources or classes of sources. Affected sources will be contacted and monitored to insure achievement of the standards required by the revised Regulation. Periodic reports regarding abatement and work schedule progress are required, and periodic inspections of progress will be made.

Those sources not able to achieve compliance as prescribed by this Regulation will be the subjects of appropriate enforcement action.

#### D. CARBON MONOXIDE AND HYDROCARBONS

In accord with the provisions of 40CFR Parts 51.1(p) and 51.15, Texas Air Control Board Regulation V, "Control of Air Pollution From Volatile Carbon Compounds", was promulgated on April 10, 1973. This Regulation incorporates a legally enforceable compliance schedule. Affected sources or classes of sources must comply with terminal dates of December 31, 1973 and May 31, 1975. The new Regulation was mailed to give it a large distribution. Affected sources were contacted and monitored to insure achievement of the standards required by the Regulation. Periodic reports regarding abatement and work schedule progress have been made. Those sources that did not achieve compliance according to the dates specified by the Regulation will be the subjects of appropriate enforcement action.

#### E. COMPLIANCE SCHEDULES

Public hearings have been held on those sources which in their Compliance Status Report indicated that compliance could not be effected by December 31, 1973 or May 31, 1975 in accordance with the applicable Texas Air Control Board Regulation. Also, appropriate enforcement action was taken for those sources which could not complete abatement programs by December 31, 1973, as originally scheduled. Implementation of the findings of the public hearing and the decisions of the Texas Air Control Board will be accomplished by a Texas Air Control Board Order. These legally enforceable compliance schedules and associated increments of progress are issued under the authority of Section 3.12, Subchapter C, of the Texas Clean Air Act (4477-5 Vernon's Texas Civil Statutes). Table VII-1, for those items applicable to each source, outlines the public hearing status, Board Order Number and date, compliance schedule and increments of progress data. These tables are current as of the annotated revision date.

NOTE: Copies of letter sent to affected sources for notice of applicable regulations were submitted previously.



# TEXAS AIR CONTROL BOARD

1100 WEST 49th STREET  
AUSTIN, TEXAS - 78756

CHARLES R. BARDEN, P. E.  
EXECUTIVE SECRETARY

HERBERT C. McKEE, Ph.D., P.E.  
Chairman

HERBERT W. WHITNEY, P.E.  
Vice-Chairman

WENDELL H. HARRICK, M.D.  
E. W. ROBINSON  
CHARLES R. JAYNES  
JOHN BLAIR  
JAMES D. ABRAMS  
FRED HARTMAN  
WILLIE L. ULICH, Ph.D., P.E.

Dear Plant Manager:

On January 26, 1972, the Texas Air Control Board adopted new and modified existing regulations for the control of smoke, visible emissions and particulate matter; sulfur compounds; vehicle emissions; volatile organic compounds and carbon monoxide; new construction or modification; nitrogen compounds, and emergency episodes. The Board also adopted General Rules which contain among other provisions requirements for notification of major upsets and planned maintenance. General Rules, Regulations IV, VI, and VIII are now in effect and enforceable. Compliance with the emission limits established in Regulations I, II, V, and VII must be effected by December 31, 1973, with the exception of agricultural processes affected by Section 3.10(e) of the Texas Clean Air Act, for which the compliance date has been previously set as February 15, 1973.

Inherent in Regulations I, II, V, and VII are provisions for progress reports to this agency, the first of which is due in July, 1972, relating to the compliance status of any facility affected by the Regulations, including but not limited to the time required to design, procure, install, and test abatement equipment. Progress reports shall be submitted on a quarterly basis until compliance is achieved, which must be on or before December 31, 1973.

Although this agency has filed a copy of the General Rules and Regulations with the Secretary of State which served as a notice to you of the provisions contained therein, I am also taking this opportunity to enclose for your convenience

*mail-out  
May 12, 1972*

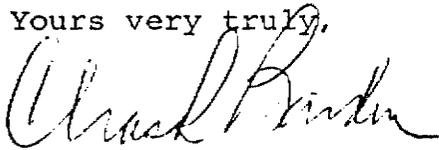
Plant Manager

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copies of these documents so that your responsibility under them can be defined and evaluated, and the necessary abatement action can be taken as indicated by each Regulation.

We will be pleased to assist you in the interpretation of any segment of the Regulations should you find it necessary. I am sure that your continued cooperative response to the Regulations will result in an orderly, effective culmination of our goal of clean air for all citizens.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Charles R. Barden".

Charles R. Barden, P. E.  
Executive Secretary  
Texas Air Control Board

Enclosures



# TEXAS AIR CONTROL BOARD

PHONE 512/451-5711  
8520 SHOAL CREEK BOULEVARD

CHARLES R. BARDEN, P. E.  
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HERBERT C. McKEE, Ph.D., P.E.  
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AUSTIN, TEXAS - 78758

*November 29-75*

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Vice-Chairman

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E. W. ROBINSON, P.E.  
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JOHN BLAIR  
JAMES D. ABRAMS, P.E.  
FRED HARTMAN  
WILLIE L. ULICH, Ph.D., P.E.

Dear Plant Manager:

Please find enclosed a copy of Regulation V of the Texas Air Control Board, as amended and adopted April 10, 1973. In an attempt to insure that compliance is achieved as specified by the Regulation, we are again taking the opportunity to advise you of the requirements of Rule 508.2 so that the necessary compliance status reports, abatement schedules, and/or progress reports may be accordingly submitted, if such has not been done previously. As you will note, compliance must be effected no later than May 31, 1975. The information therein requested does not preclude your submitting additional data or comments which may assist the Board in the evaluation of your compliance schedule and method of abatement. Those sources affected by Rule 508.2, should also take special note of Rule 508.3 during the formulation of a compliance schedule.

If not previously done, prompt submittal of the necessary information to comply with Rule 508 will be appreciated. If you have additional questions in this matter, please let us know.

Yours very truly,

*Cecil L. Bradford*

Cecil L. Bradford, Director  
Compliance Division  
Texas Air Control Board

Enclosure

TABLE VII-1  
COMPLIANCE ABATEMENT SCHEDULES

For sources extending beyond Regulation compliance date

COMPANY and LOCATION	HEARING DATE	ORDER NO. and DATE	SOURCE	REGULATION	COMPLIANCE DATE	INCREMENT OF PROGRESS DATA
1. American Petrofina Port Arthur (Formerly BP Oil Co.)	5/8/73	73-4 6/22/73	Fluid Catalytic Cracking Unit	V Rule 505.3	1/26/76 (Original compliance date of 5/31/75 delayed by strike)	a. Regeneration Method: Engineering completed 12/31/73. b. Bids being sought 12/31/73. Construction delay due to fabrication deliveries. Public Hearing 11/6/74. Company requested extension to 5/31/75. c. Strike settled. d. Compliance achieved 1/26/76.
2. Texaco, Inc. Port Arthur	5/15/73	73-9 7/26/73	Port Arthur Refinery FCCU-1	V	5/31/75 (delayed)	Engineering complete 7/31/74. Began construction 11/1/74. Construction not completed by 5/31/75. a. Final compliance by 5/31/75 not achieved due to equipment delivery delays and strike.
	New Hearing 6/24/75	75-17 9/26/75		V Rule 505.3	2/2/76	Abatement schedule delayed due to strike. CO Boiler installed 2/2/76.

TABLE VII-1  
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COMPANY and LOCATION	HEARING DATE	ORDER NO. and DATE	SOURCE	REGULATION	COMPLIANCE DATE	INCREMENT OF PROGRESS DATA
	6/24/75	75-17	FCCU-2	V Rule 505.3	12/1/75 (delayed)	Engineering complete 7/31/74. Began construction 9/1/74. Complete construction 4/30/75. FCCU shut down for tie-in 4/30/75. Compliance not achieved 5/31/75 due to labor strike. Installation of CO boiler delayed due to strike. Compliance achieved 2/2/76.
3. Union Oil Company Beaumont	5/8/73	73-10 8/30/73	Refinery storage facilities & water separation	V Rule 502 & Rule 504	5/31/75 (delayed)	Emissions were reduced by 20% 12/31/73. Emissions were reduced by 40% 6/30/74. Emissions were reduced by 55% 1/31/75. Emissions were not reduced by 100% 5/31/75 due to labor strike. Company reported final compliance achieved 6/30/76.
4. Swift Company Beaumont (Formerly Mobil Chemical Company)	1/27/75	75-10 5/23/75	Ammonium Nitrate Prill Tower  VII-7	I	2/28/77	a. Engineering and procurement completed 3/1/76.

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5. Rio Grande Valley Sugar Growers, Inc. Santa Rosa	10/3/73	73-17 11/29/73	Pre-harvest burning of sugarcane to remove trash	I	To be reviewed at a public hearing no later than July, 1974	b. Equipment delivery by 9/1/76. c. Complete on-site construction by 2/1/77. d. Final compliance by 2/28/77*.
	6/20/74	74-11 9/24/74				
	4/30/75	75-16 9/16/75				Authorized to conduct controlled burning under specific conditions.
6. Diamond Shamrock Chemical Co. Deer Park	1/4/75	75-7 5/23/75	Oxyhydrochlorination Unit	V Rule 505.1	4/30/77**	a. Complete procurement of materials by 1/30/77. b. Begin on-site construction by 8/1/76. c. Complete construction by 2/28/77. d. Achieve final compliance by 4/30/77.

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COMPANY and LOCATION	HEARING DATE	ORDER NO. and DATE	SOURCE	REGULATION	COMPLIANCE DATE	INCREMENT OF PROGRESS DATA
7. Petro-Tex Chemical Company Houston	4/10/75	75-13 5/23/75  76-2 4/23/76	Houdry Units (3)	V Rule 505.3	1/31/76** (delayed)  3/14/76 (Extension)	a. Began on-site construction 8/1/72. b. Procurement of materials delayed. c. Compliance achieved by 1/31/76 on one unit. Equipment delivery delay affected other units. Final compliance achieved 3/14/76.
8. ARCO Chemical Company Channelview	1/13/75	75-14 5/23/75	Houdry Units (2)	V Rule 505.3	7/1/76**	a. Place orders for necessary materials by 7/1/75. b. Began on-site construction by 1/1/76. c. Completed construction by 7/1/76. d. Achieved final compliance by 7/1/76.
9. Firestone Synthetic Orange	1/21/75	75-12 5/23/75	Houdry Unit	V Rule 505.3	12/1/76**	a. Select contractor by 7/1/75. b. Placed order for major equipment by 10/1/75. c. Completed engineering design by 12/31/75. d. Began on-site construction by 7/1/76. Revised 8-15-76

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						e. Complete construction by 11/1/76. f. Final compliance by 12/1/76.
			Dow Process	V Rule 505.3	2/27/77**	a. Place orders for major equipment by 3/3/75. b. On-site construction delayed 30 days due to labor strike. c. Complete engineering design by 10/31/75. d. Complete on-site construction by 2/1/77. e. Final compliance by 2/27/77.
10. E. I. du Pont Beaumont	1/14/75	75-15 5/23/75	Acrylonitrile Plant	V Rule 505.2	12/31/75** (delayed) 3/13/76	a. Final compliance by 12/31/75 delayed by labor strike. Revised abatement schedule was evaluated. Compliance was achieved 3/13/76.

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COMPANY and LOCATION	HEARING DATE	ORDER NO. and DATE	SOURCE	REGULATION	COMPLIANCE DATE	INCREMENT OF PROGRESS DATA
11. ASARCO, Inc. El Paso	1/13/75	75-5 3/27/75	Lead Plant Copper Roasters Ore Handling Copper Stack Other Processes	I II	12/31/78 As ordered by Court in Cause No. 70-1701 and submitted as part of S.I.P.	Increments of progress are attached in Court Order No. 70-1701. Copies of the Order can be obtained by writing the Board.*
12. Atlantic Richfield Co. Houston, Harris County		76-1	Isomerization Units	V Rule 505.3	8/1/76**	a. Final compliance by 8/1/76.
						*Executive Director will be notified of status of progress as outlined in the applicable Board Order. **Indicates that Board Orders were adopted requiring compliance by the specified dates but that variances were expressly denied.