

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

OPERATING PERMIT

JUN 22 1999

DEP AIR QUALITY
DIV OF PERMITS

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source(s) described below.

Permit No.:	<u>OP-49-0013</u>	Source &	<u>fiberboard manufacturing</u>
Owner:	<u>Celotex Corporation</u>	Air	<u>facility, as described herein</u>
		Cleaning	
Address:	<u>1400 Susquehanna Avenue</u>	Device:	
	<u>Sunbury, PA 17801</u>		
Attn:	<u>Robert S. Frost</u>	Location:	<u>Sunbury</u>
	<u>Plant Manager</u>		<u>Northumberland County</u>

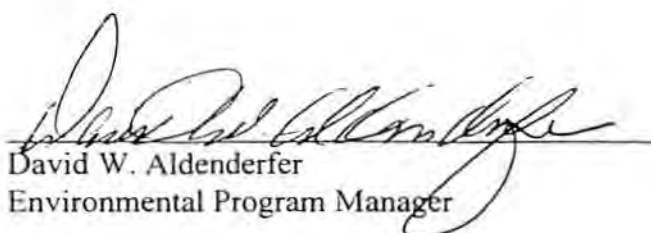
This permit is subject to the following conditions:

1. That the source(s) and any associated air cleaning device(s) are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the applicable plan approval(s) issued;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

See attached for additional conditions.

Failure to comply with the conditions placed on this permit is a violation of Section 127.444. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: JUN 18 1999


David W. Aldenderfer
Environmental Program Manager

cc: Harrisburg
EPA File

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COMPANY: Celotex Corporation

4. This operating permit incorporates Reasonably Available Control Technology (RACT) determinations as required by the provisions of Title I of the Clean Air Act Amendments and 25 Pa. Code Sections 129.91 through 129.95 for the following sources:
- a. a fiberboard production process consisting of two wood chip digesters, a refiner, stock chests, a headbox, a screen conveyor, and an 80,000,000 Btu per hour natural gas-fired Coe dryer
 - b. a Kiwi #4019 offset fiberboard printing press
 - c. a fiberboard edge spraying operation
 - d. a fiberboard laminating operation
 - e. two 35,000,000 Btu per hour natural gas/#6 fuel oil-fired Cleaver Brooks boilers and a 700,000 Btu per hour natural gas-fired water heater
 - f. a 135 horsepower kerosene-fired emergency electric generator and a 115 horsepower kerosene-fired fire pump
 - g. the following volatile organic compound (VOC) containing storage tanks:

Quantity	Volume (gallons)	compound
2	29,600	#6 fuel oil
1	580	gasoline
1	580	kerosene
1	995	diesel
2	55	kerosene
1	197	kerosene
1	300	kerosene
2	18,500	asphalt

5. The expiration date shown in this permit is for state purposes. For Federal enforcement purposes the conditions of this operating permit which pertain to the implementation of RACT regulations shall remain in effect as part of the State Implementation Plan (SIP) until replaced pursuant to 40 CFR 51 and approved by the U. S. Environmental Protection Agency (EPA).

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6. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the permittee shall complete the following actions on the Coe dryer, identified in condition 4a herein, by no later than June 1, 1999:
- a. installation of single side delivery doors for dryer zones 1, 2, 3, and 4, including door seals
 - b. installation of return plenums for dryer zones 1, 2, 3, and 4, including seals, gaskets, and expansion joints
 - c. replacement of fan shaft seals
 - d. modification or relocation of the exhaust outlets from dryer zones 1, 2, 3, and 4
 - e. installation of powered exhaust systems for dryer zones 1, 2, 3, and 4, including shaft seals, expansion joint, and gaskets
 - f. modification or replacement of the dry end seal, including expansion joints, seals, and gaskets
 - g. modification or replacement of the wet end seal, including expansion joints, seals, and gaskets
 - h. modification to the exhaust of the wet end seal
 - i. modifications or replacement of the floor rails and seals of dryer zones 1, 2, 3, and 4
 - j. replacement of floor seals
 - k. replacement of door seals
 - l. replacement of expansion joints

Following the completion of the actions required by this condition and the thermal oxidizer installation required by condition 7 herein, compliance with the fugitive air contaminant emission requirements specified in Section 123.1 and the visible air contaminant emission requirements specified in Section 123.41, both sections of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection, shall be considered as a satisfactory level of performance (for the purposes of complying with the RACT requirements of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection) for the control of VOC emissions from the fiberboard production process identified in condition 4a herein.

7. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the permittee shall:

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- a. submit a plan approval application by no later than August 1, 1999, for the installation of a thermal oxidizer on the fiberboard production process identified in condition 4a herein
- b. complete the installation of the thermal oxidizer, identified in condition 7a herein, within 390 days from the date of issuance of the plan approval issued by the Department of Environmental Protection for the installation of said thermal oxidizer

Following the completion of the thermal oxidizer installation required by this condition and the actions required by condition 6 herein, compliance with the fugitive air contaminant emission requirements specified in Section 123.1 and the visible air contaminant emission requirements specified in Section 123.41, both sections of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection, shall be considered as a satisfactory level of performance (for the purposes of complying with the RACT requirements of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection) for the control of VOC emissions from the fiberboard production process identified in condition 4a herein.

8. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the Kiwi printing press identified in condition 4b herein shall comply with the requirements specified in conditions 12, 13, 14, and 15 herein.
9. The potential to emit volatile organic compounds from each of the source categories identified in conditions 4c, 4d, 4e, 4f, and 4g herein shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons per 12 consecutive month period (as determined by the Department). Should any of these limitations ever be exceeded for any of these source categories, a detailed RACT analysis which meets the criteria specified in Section 129.92 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection must be submitted to the Department for each source contained in the respective category.
10. Pursuant to the RACT provisions of Section 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the permittee shall maintain comprehensive, accurate records of the following:
 - a. the tons of wood chips processed in the fiberboard production process, identified in condition 4a herein, on a monthly basis.
 - b. the identity of all inks used in the printing press identified in condition 4b herein as well as the actual quantity of each individual ink used per month.
 - c. the identities and VOC contents of all VOC-containing materials used per month in the fiberboard edge spraying operation identified in condition 4c herein.