

EPA

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

OPERATING PERMIT

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-41-0008</u>	Source &	<u>creosoted woodwaste-fired</u>
Owner:	<u>Koppers Industries, Inc.</u>	Air	<u>cogeneration boiler and various</u>
		Cleaning	<u>other combustion sources</u>
Address:	<u>P.O. Box 189</u>	Device:	<u></u>
	<u>Montgomery, PA 17752</u>		
Attn:	<u>Paul C. Beswick</u>	Location:	<u>Clinton Township</u>
	<u>Plant Manager</u>		<u>Lycoming County</u>

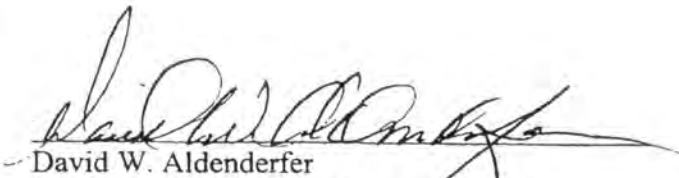
This permit is subject to the following conditions:

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: **MAR 30 1999**

  
 David W. Aldenderfer  
 Environmental Program Manager

cc: Harrisburg  
File

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**COMPANY: Koppers Industries, Inc.**

3. This operating permit incorporates Reasonably Available Control Technology (RACT) determinations as required by the provisions of the Clean Air Act Amendments and Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection (25 Pa. Code Sections 129.91 through 129.95) for nitrogen oxides emissions from the following sources:
  - a) a Wellons creosoted woodwaste-fired boiler, the air contaminant emissions from which are controlled by a Wellons, Inc. multiclone and a PPC electrostatic precipitator
  - b) a 13,390,000 BTU/hour rated capacity Orr & Sembower model 3G #6 fuel oil-fired boiler
  - c) a 220 horsepower Cummins model NH-220-IF diesel-fired fire pump
  - d) an 8 horsepower Tecumseh gasoline-fired makeup water pump
  - e) a 15,000 BTU/hour Empire/Corcho Model CH-15 LPG-fired space heater/furnace ("laboratory heater")  
ten 100,000 BTU/hour Master model 8200B portable kerosene-fired heaters
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 Wellons creosoted woodwaste-fired boiler shall comply with the nitrogen oxides emission limitations specified in condition 14 herein.
7. Pursuant to the presumptive RACT provisions of Section 129.93(c) of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the Orr & Sembower model 3G #6 fuel oil-fired boiler, the Empire/Corcho model CH-15 laboratory heater, the 10 Master 8200B kerosene-fired heaters, the 220 horsepower Cummins model NH-220-IF diesel-fired fire pump and the 8 horsepower Tecumseh gasoline-fired makeup water pump shall be maintained and operated in accordance with manufacturers' specifications and in accordance with good air pollution control practices. Additionally, neither the 220 horsepower Cummins diesel-fired fire pump nor the 8 horsepower Tecumseh gasoline-fired makeup water pump shall be operated more than 500 hours in any 12 consecutive month period until such time as the permittee provides adequate demonstration to the Department that both pumps have been set, and are being maintained, 4° retarded relative to standard timing.
9. The permittee shall maintain and operate a continuous nitrogen oxides emission monitoring system on the Wellons creosoted woodwaste-fired boiler in accordance with all applicable requirements specified in, or established pursuant to, the rules and regulations contained in

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Article III of the Rules and Regulations of the Department of Environmental Protection and the requirements specified in, or established pursuant to, the Department's "Continuous Source Monitoring Manual".

10. Pursuant to Section 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the permittee shall maintain records of the data generated by the continuous nitrogen oxides emission monitoring system required by condition 9 herein in accordance with all applicable requirements specified in, or established pursuant to, the rules and regulations contained in Article III of the Rules and Regulations of the Department of Environmental Protection and the requirements specified in, or established pursuant to, the Department's "Continuous Source Monitoring Manual" and shall report this data to the Department on a quarterly basis in such format as may be specified by the Department.

The permittee shall additionally maintain comprehensive accurate records of the number of hours per month the 220 horsepower Cummins diesel-fired fire pump is operated and the number of hours per month the 8 horsepower Tecumseh gasoline-fired makeup water pump is operated and shall report this data to the Department upon request.

All records required by this condition shall be retained for at least 5 years.

