

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-19-0001</u>	Source &	<u>as described in condition 3</u>
Owner:	<u>The Magee Carpet Company</u>	Air	<u>herein</u>
		Cleaning	
Address:	<u>480 West Fifth Street</u>	Device:	
	<u>Bloomsburg, PA 17815</u>		
Attn:	<u>Mr. Kenneth J. Criswell</u>	Location:	<u>Town of Bloomsburg</u>
	<u>Engineering Manager</u>		<u>Columbia 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: **JAN 22 1997**


Environmental Program Manager

cc: Harrisburg
File

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3. 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:

- E. Keeler anthracite coal and carpet scrap pellet-fired traveling grate stoker boiler; 86.6 million BTU per hour rated heat input (hereinafter "boiler #1")
- Combustion Engineering anthracite coal and carpet scrap pellet-fired traveling grate stoker boiler; 60 million BTU per hour rated heat input (hereinafter "boiler #4")
- two E. Keeler type DS10-185 #4 fuel oil-fired boilers; each 77 million BTU per hour rated heat input (hereinafter "boiler #6" and "boiler #7")
- one propane-fired carpet dryer (#3); 3.21 million BTU per hour rated heat input
- thirteen propane-fired space heaters; 100,000 BTU per hour rated heat input (each)
- eight emergency generators (three diesel-fired, five propane-fired); total capacity 100 kilowatts
- one diesel-fired emergency fire pump; 113 horsepower

This operating permit addresses sources previously permitted under Operating Permit #19-302-013 and supersedes said operating permit with respect to those sources.

5. 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 nitrogen oxides (NO_x, expressed as NO₂) emissions from boiler #1 shall not exceed a rate of 0.42 pounds per million BTU of boiler heat input. Additionally, the operation of boiler #1 shall be restricted such that total fuel usage (coal plus carpet scrap pellets) in any 12 consecutive calendar month period does not exceed 15,350 tons and the total nitrogen oxides emissions in any 12 consecutive calendar month period do not exceed 74.1 tons.

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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 nitrogen oxides (NO_x, expressed as NO₂) emissions from boiler #4 shall not exceed a rate of 0.42 pounds per million BTU of boiler heat input. Additionally, the operation of boiler #4 shall be restricted such that total fuel usage (coal plus carpet scrap pellets) in any 12 consecutive calendar month period does not exceed 11,800 tons and the total nitrogen oxides emissions in any 12 consecutive calendar month period do not exceed 56.9 tons.
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 nitrogen oxides (NO_x, expressed as NO₂) emissions from boilers #6 and #7 shall not exceed a rate of 0.14 pounds per million BTU of boiler heat input.
8. 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 carpet dryer, space heaters, emergency generators and emergency fire pump identified in condition 3 herein shall be maintained and operated in accordance with manufacturers' specifications as well as in accordance with good air pollution control practices. Additionally, the emergency generators and emergency fire pump shall not be (individually) operated in excess of 500 hours in any 12 consecutive calendar month period.
9. Any boilers which exist at the subject facility as of the date of issuance of this operating permit and which are not identified in condition 3 above shall not hereafter be operated by the company.
10. Within 180 days of the issuance of this operating permit, and again between 4 and 4.5 years from the date of issuance of this permit, the company shall perform nitrogen oxides testing on the exhaust of boiler #4. This testing shall consist of at least three individual one-hour test runs using test methods and procedures deemed acceptable by the Department, and shall be conducted while the boiler is operating at a typical load level.
11. At least 60 days prior to the performance of the testing required in condition 10 above, the company shall submit two copies of a pretest protocol to the Department for review; this protocol shall contain the test methods and procedures proposed for use in the testing, a list of the boiler operating data which will be recorded during testing, and a description of the method by which boiler heat input will be determined during testing.
12. The company shall provide the Department with at least 10 days written advance notice of the actual date(s) on which any testing required by condition 10 above will be performed, so that Department personnel may arrange to be present.

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13. Within 60 days following the performance of the testing required by condition 10 above, the company shall submit two copies of a test report to the Department. The test report shall contain the test results, expressed as pounds per million BTU, a description of the test methods and procedures used in the performance of the testing, and copies of all pertinent boiler operating data recorded during the performance of the tests.
14. Between 4 and 4.5 years from the date of issuance of this permit, the company shall perform nitrogen oxides testing on the exhaust of boiler #1. This testing shall be performed in accordance with the requirements set forth in conditions 10-13 above.
15. If at any time the combined fuel oil usage of boilers #6 and #7 exceeds 250,000 gallons in any 12 consecutive calendar month period, the company shall perform nitrogen oxides stack testing on the exhausts of these boilers sometime during the following 6 months. This testing shall be performed in accordance with the requirements set forth in conditions 10-13 above.
16. Pursuant to Section 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the company shall maintain all records necessary to demonstrate compliance with the RACT requirements specified herein as well as any applicable requirements specified in Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection. These shall include, but are not necessarily limited to:
 - the quantity of fuel burned per calendar month in each of the four boilers identified in condition 3 herein
 - the hours per calendar month that each of the emergency generators and the emergency fire pump identified in condition 3 herein are operated

These records shall be retained on-site for at least two years and shall be made available to Department personnel upon request.

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18. The aforementioned source(s) may be operated and used only so long as any associated air pollution control devices are operated and maintained in accordance with the specifications set forth in the respective plan approval(s), and the application(s) submitted for said plan approval(s) (as approved by the Department), and in accordance with any conditions set forth herein.
19. The air contaminant emissions from boiler #1 shall be controlled by a Research Cottrell mechanical collector, and those from boiler #4 shall be controlled by a set of American Blower Corporation RT model 342 multiclones. Under no circumstances is anything other than anthracite coal or mixture of anthracite coal and pellets made from Nylon fluff generated from a carpet backing reclamation operation and/or polyethylene backed carpet scrap to be burned in either of these two boilers without prior Department approval. The pellets shall conform to the specifications ("Nylon Pellet" and "Carpet Pellet") contained in Mr. Kenneth J. Criswell's April 17, 1996 letter to Richard L. Maxwell, Jr. and shall not be mixed into the coal at a rate in excess of 20.64% of the combined weight of coal and pellets.
20. The storage and handling of the ash generated by the operation of the aforementioned boiler(s) shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in Section 123.1 of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection.
21. The company shall, upon Department request, provide fuel analyses, or fuel samples, of the fuel used in the aforementioned boiler(s).
22. The operation of the aforementioned sources shall not at any time result in the emission of air contaminants in excess of the limitations specified in any condition contained herein or specified in Sections 123.11, 123.22 and 123.41 of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection or specified in, or established pursuant to, any other applicable rule or regulation contained in Article III.

