

OR

Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Air Quality Control

RACT APPROVAL

PERMIT NUMBER : OP 37-313

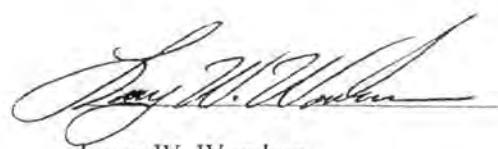
Owner:	Ellwood Group Inc.	Source&	See attached
Address:	PO Box 31 Commercial Ave. Ellwood City, PA 16117	Air Cleaning Device	Page 4
Attention:	Larry L. Symons V.P., Chief Financial Officer	Location:	EQS, NAF and ECFN 700 Moravia Street Lawrence County

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 exceed the emission limitations specified in this Operating Permit;
 - 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.

Failure to comply with the conditions placed on this permit is a violation of 25 Pa. Code 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 on: January 31, 2001



Larry W. Wonders
Regional Air Quality Manager

5. RACT for the EAF at EQS shall be the continued operation of the DEC and oxyfuel burners for NOx control and scrap management and DEC system combustion for VOC control. The EQS plant shall continue to examine each shipment of scrap for excess insulation, rubber, non-metallics, heavy grease or oil.
6. Each of the three plants shall maintain records in accordance with the record keeping requirements of 25 PA Code Section 129.95. At a minimum, this shall include:
 - a) The number of hours per calendar year that each of the sources is operated.
 - b) The amount of fuel used for each of the sources at the three plants (EQS, NAF and ECFN) and shall be made available to the Department upon request.

Source and Air Cleaning Device**NAF**

Source	Heat Rating (MMBTU/hr)	Control
Forge Furnace 7F1	20.0	Presumptive RACT 129.93(b)(2)
Forge Furnace 7F2	20.0	Presumptive RACT 129.93(b)(2)
Forge Furnace 7F3	20.0	Presumptive RACT 129.93(b)(2)
Forge Furnace 7F4	20.0	Presumptive RACT 129.93(b)(2)
Forge Furnace 7F5	20.0	Presumptive RACT 129.93(b)(2)
Forge Furnace 7F6	20.0	Presumptive RACT 129.93(b)(2)
Slow Cool Furnace 7F8	32.0	Presumptive RACT 129.93(b)(2)
Slow Cool Furnace 7F9	32.0	Presumptive RACT 129.93(b)(2)
Aluminum Furnace	3.0	Presumptive RACT 129.93(c)(1)

EQS

Source	Heat Rating (MMBTU/hr)	Control
EAF		DEC system combustion, oxyfuel burners, scrap management
No. 15 Furnace	16.0	Presumptive RACT 129.93(c)(1)
No. 16 Furnace	16.0	Presumptive RACT 129.93(c)(1)
No. 17 Furnace	10.8	Presumptive RACT 129.93(c)(1)
No. 18 Furnace	17.3	Presumptive RACT 129.93(c)(1)
No. 19 Furnace	21.1	Presumptive RACT 129.93 (b)(2)
No. 20 Furnace	9.0	Presumptive RACT 129.93(c)(1)
EAF Burners	31.1	Presumptive RACT 129.93 (b)(2)
EAF Preheater	6.21	Presumptive RACT 129.93 (c)(1)
(2) Ladle Preheaters	5.8 (each)	Presumptive RACT 129.93 (c)(1)
(4) Boilers	10.5 (each)	Presumptive RACT 129.93 (c)(1)

Miscellaneous gas Heaters	Less than 20 MMBT/hr (each)	Presumptive RACT 129.93 (c)(1)
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ECFN

Source	Heat Rating (MMBTU/hr)	Control
Batch Heat Treat Furnace	6.0	Presumptive RACT 129.93 (c)(1)
Batch Heat Treat Furnace	6.0	Presumptive RACT 129.93 (c)(1)
Batch Heat Treat Furnace	6.0	Presumptive RACT 129.93 (c)(1)