



04-00059

IPSCO KOPPEL TUBULARS LLC/KOPPEL PLT



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: March 16, 2020

Effective Date: March 16, 2020

Expiration Date: [REDACTED]

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 04-00059

Federal Tax Id - Plant Code: 25-1635833-5

Owner Information

Name: IPSCO KOPPEL TUBULARS LLC
Mailing Address: PO BOX 750
BEAVER FALLS, PA 15010-0750

Plant Information

Plant: IPSCO KOPPEL TUBULARS LLC/KOPPEL PLT
Location: 04 Beaver County 04940 Koppel Borough
SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills

Responsible Official

Name: MIKE PANZERRI
Title: GENERAL MGR
Phone (724) 847 - 4079

Permit Contact Person

Name: MARK SEBRING
Title: EHS MGR
Phone: (724) 847 - 6409

[Signature]

MARK R. GOROG, P.E., ENVIRONMENTAL PROGRAM MANAGER, SOUTHWEST REGION

Pages 2-42, 44, 46-47, 49-50, 52, and 55-82 are redacted entirely.

**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: #4 MELT SHOP - "EAF, LRS, CONT. CASTER & SUP. ACT."

Source Capacity/Throughput:

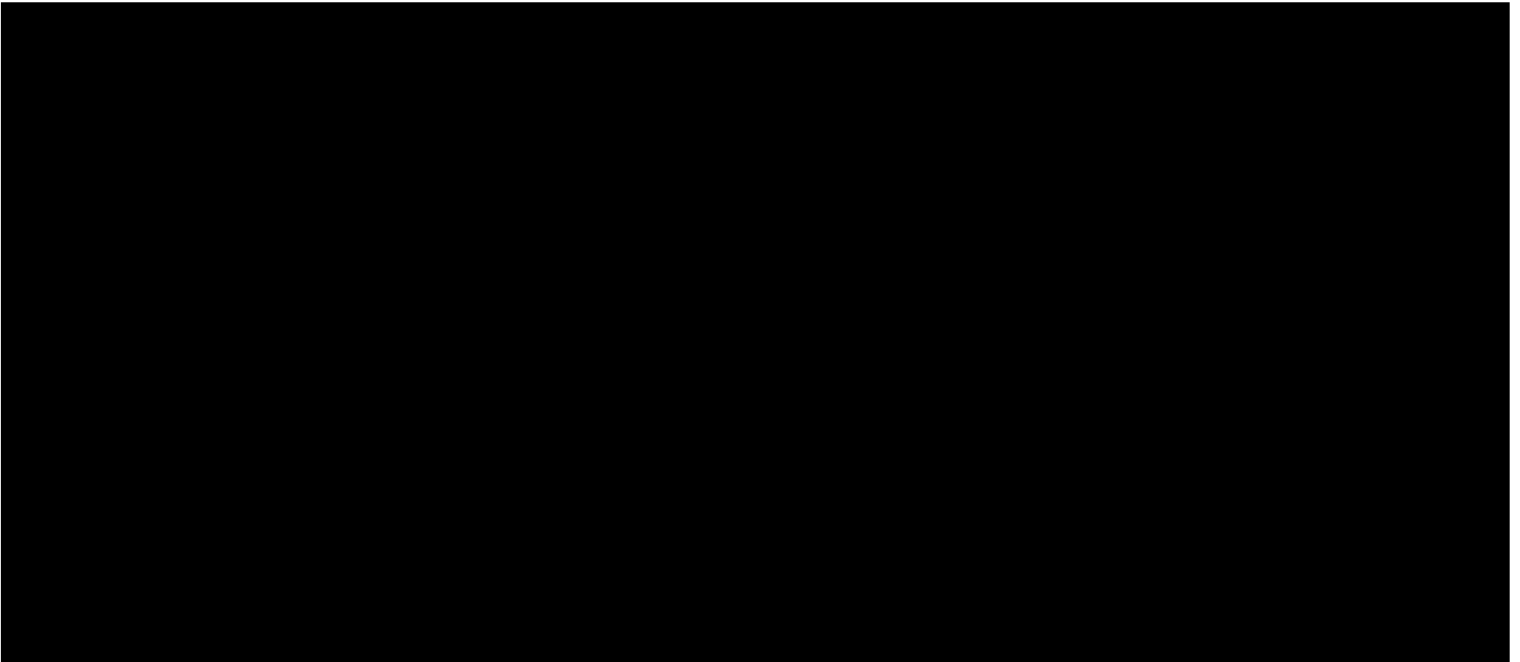




SECTION D. Source Level Requirements



III. MONITORING REQUIREMENTS.



**SECTION D. Source Level Requirements****# 016 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.274a]****Subpart AAa - Standards of Performance for Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983****Monitoring of operations.**

(a) The owner or operator subject to the provisions of this subpart shall maintain records of the following information:

(1) All data obtained under paragraph (b) of this section; and

(2) All monthly operational status inspections performed under paragraph (c) of this section.

(b) Except as provided under paragraph (d) of this section, the owner or operator subject to the provisions of this subpart shall check and record on a once-per-shift basis the furnace static pressure (if DEC system is in use, and a furnace static pressure gauge is installed according to paragraph (f) of this section)) and either check and record the control system fan motor amperes and damper position on a once-per-shift basis; or install, calibrate, and maintain a monitoring device that continuously records the volumetric flow rate through each separately ducted hood; or install, calibrate, and maintain a monitoring device that continuously records the volumetric flow rate at the control device inlet and check and record damper positions on a once-per-shift basis. The monitoring device(s) may be installed in any appropriate location in the exhaust duct such that reproducible flow rate monitoring will result. The flow rate monitoring device(s) shall have an accuracy of Plus/Minus 10 percent over its normal operating range and shall be calibrated according to the manufacturer's instructions. The Administrator may require the owner or operator to demonstrate the accuracy of the monitoring device(s) relative to Methods 1 and 2 of appendix A of this part.

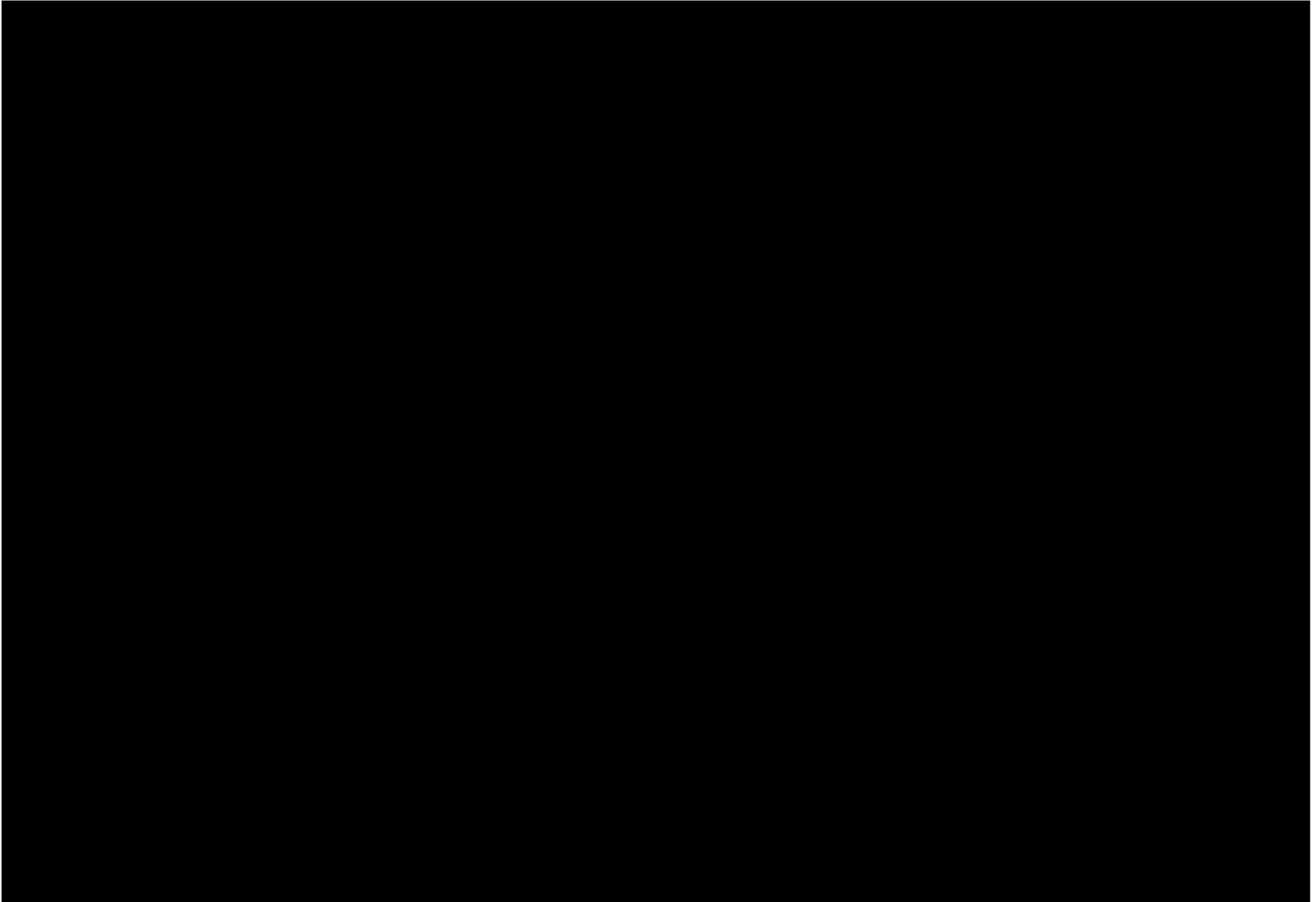
(c) When the owner or operator of an affected facility is required to demonstrate compliance with the standards under 60.272a(a)(3) and at any other time the Administrator may require that (under section 114 of the Act, as amended) either the control system fan motor amperes and all damper positions or the volumetric flow rate through each separately ducted hood shall be determined during all periods in which a hood is operated for the purpose of capturing emissions from the affected facility subject to paragraph (b)(1) or (b)(2) of this section. The owner or operator may petition the Administrator for reestablishment of these parameters whenever the owner or operator can demonstrate to the Administrator's satisfaction that the affected facility operating conditions upon which the parameters were previously established are no longer applicable. The values of these parameters as determined during the most recent demonstration of compliance shall be maintained at the appropriate level for each applicable period. Operation at other than baseline values may be subject to the requirements of paragraph 276a(c).



SECTION D. Source Level Requirements



V. REPORTING REQUIREMENTS.



**SECTION D. Source Level Requirements****# 026 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.10685]****Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities****What are the requirements for the control of contaminants from scrap?**

(c) Recordkeeping and reporting requirements. In addition to the records required by §63.10, you must keep records to demonstrate compliance with the requirements for your pollution prevention plan in paragraph (a)(1) of this section and/or for the use of only restricted scrap in paragraph (a)(2) of this section and for mercury in paragraphs (b)(1) through (3) of this section as applicable. You must keep records documenting compliance with paragraph (b)(4) of this section for scrap that does not contain motor vehicle scrap.

(1) N/A

(2) If you are subject to the option for approved mercury programs under paragraph (b)(2) of this section, you must maintain records identifying each scrap provider and documenting the scrap provider's participation in an approved mercury switch removal program. If you purchase motor vehicle scrap from a broker, you must maintain records identifying each broker and documentation that all scrap provided by the broker was obtained from other scrap providers who participate in an approved mercury switch removal program.

(3) You must submit semiannual compliance reports to the Administrator for the control of contaminants from scrap according to the requirements in §63.10(e). The report must clearly identify any deviation from the requirements in paragraphs (a) and (b) of this section and the corrective action taken. You must identify which compliance option in paragraph (b) of this section applies to each scrap provider, contract, or shipment.

VI. WORK PRACTICE REQUIREMENTS.

**SECTION D. Source Level Requirements**

[REDACTED]

[REDACTED]

031 [25 Pa. Code §129.99]**Alternative RACT proposal and petition for alternative compliance schedule.**

In accordance with RACT II for EAF, VOC and HAPs compliance shall be determined through source testing required in the current TV Permit and the following work practices adopted at the facility:

- Good operating practices is routine inspection and maintenance that determines that the EAF is operating properly. This includes lid gap distances and temperatures etc.
- Maintain a scrap management plan that limits organics from the EAF scrap feed per 40 CFR Part 63.10685 Subpart YYYYY.

032 [25 Pa. Code §129.99]**Alternative RACT proposal and petition for alternative compliance schedule.**

In accordance with RACT II for EAF, NO_x compliance shall be determined through source testing required in the current TV Permit and by limiting the availability of free nitrogen in the furnace atmosphere by:

1. Controlling exhaust flows to limit air ingress into the furnace;
2. Closing the slag door; and
3. Making sure the oxygen supply is free of nitrogen.
4. Compliance with the NO_x emission limits shall be demonstrated through the annual compliance certification.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]