



State of New Jersey

Department of Environmental Protection

Air Quality, Energy and Sustainability

Division of Air Quality

Bureau of Stationary Sources

401 E. State Street, 2nd Floor, P.O. Box 420, Mail Code 401-02

Trenton, NJ 08625-0420

PHILIP D. MURPHY

Governor

CATHERINE R. McCABE

Commissioner

SHEILA Y. OLIVER

Lt. Governor

Air Pollution Control Operating Permit Significant Modification

Permit Activity Number: BOP150002

Program Interest Number: 18052

Mailing Address	Plant Location
MARK QUIRING DIRECTOR OF OPERATIONS CMC STEEL NJ PO BOX 249 - 1 N CROSSMAN RD Sayreville, NJ 08871	CMC STEEL NEW JERSEY 1 N Crossman Rd Sayreville Middlesex County

Initial Operating Permit Approval Date:

September 23, 2002

Operating Permit Approval Date:

May 1, 2019

Operating Permit Expiration Date:

September 22, 2017 “operating under application shield”

AUTHORITY AND APPLICABILITY

The New Jersey Department of Environmental Protection (Department) approves and issues this Air Pollution Control Operating Permit under the authority of Chapter 106, P.L. 1967 (N.J.S.A. 26:2C-9.2). This permit is issued in accordance with the air pollution control permit provisions promulgated at Title V of the Federal Clean Air Act, 40 CFR 70, Air Pollution Control Act codified at N.J.S.A. 26:2C and New Jersey State regulations promulgated at N.J.A.C. 7:27-22.

The Department approves this operating permit based on the evaluation of the certified information provided in the permit application that all equipment and air pollution control devices regulated in this permit comply with all applicable State and Federal regulations. The facility shall be operated in accordance with the conditions of this permit. This operating permit supersedes any previous Air Pollution Control Operating Permits issued to this facility by the Department including any general operating permits, renewals, significant modifications, minor modifications, seven-day notice changes or administrative amendments to the permit.

Changes made through this permit activity are provided in the Reason for Application.

PERMIT SHIELD

This operating permit includes a permit shield, pursuant to the provisions of N.J.A.C. 7:27-22.17.

COMPLIANCE SCHEDULES

This operating permit does not include compliance schedules as part of the approved compliance plan.

COMPLIANCE CERTIFICATIONS AND DEVIATION REPORTS

The permittee shall submit to the Department and to United States Environmental Protection Agency (US EPA) periodic compliance certifications, in accordance with N.J.A.C. 7:27-22.19. **The annual compliance certification** is due to the Department and EPA within 60 days after the end of each calendar year during which this permit was in effect. **Semi-annual deviation reports** relating to compliance testing and monitoring are due to the Department within 30 days after the end of the semi-annual period. The schedule and additional details for these submittals are available in Subject Item - FC, of the Facility Specific Requirements of this permit.

ACCESSING PERMITS

The facility's current approved operating permit and any previously issued permits (e.g. superseded, expired, or terminated) are available for download in PDF format at: <http://www.nj.gov/dep/opra/online.html>. If needed, the RADIUS file for your permit, containing Facility Specific Requirements (Compliance Plan), Inventories and Compliance Schedules can be obtained by contacting the Helpline number given below. RADIUS software, instructions, and help are available at the Department's website at www.state.nj.us/dep/aqpp.

HELPLINE

The Operating Permit Helpline is available for any questions at (609) 633-8248 from 9:00 AM to 4:00 PM Monday to Friday.

RENEWING YOUR OPERATING PERMIT AND APPLICATION SHIELD

The permittee is responsible for submitting a timely and administratively complete operating permit renewal application pursuant to N.J.A.C. 7:27-22.30. Only applications which are timely and administratively complete are eligible for an application shield. The details on the contents of the renewal application, submittal schedule, and application shield are available in Section B - General Provisions and Authorities of this permit.

COMPLIANCE ASSURANCE MONITORING

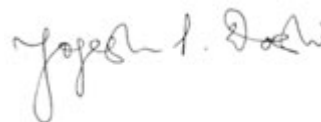
Facilities that are subject to Compliance Assurance Monitoring (CAM), pursuant to 40 CFR 64, shall develop a CAM Plan for modified equipment as well as existing sources. The rule and guidance on how to prepare a CAM Plan can be found at EPA's website: <https://www.epa.gov/air-emissions-monitoring-knowledge-base/compliance-assurance-monitoring>. In addition, CAM Plans must be included as part of the permit renewal application. Facilities that do not submit a CAM Plan may have their permit applications denied, pursuant to N.J.A.C. 7:27-22.3.

ADMINISTRATIVE HEARING REQUEST

If, in your judgment, the Department is imposing any unreasonable condition of approval, you may contest the Department's decision and request an adjudicatory hearing pursuant to N.J.S.A. 52:14B-1 et seq. and N.J.A.C. 7:27-22.32(a). All requests for an adjudicatory hearing must be received in writing by the Department within 20 calendar days of the date you receive this letter. The request must contain the information specified in N.J.A.C. 7:27-1.32 and the information on the enclosed Administrative Hearing Request Checklist and Tracking Form.

If you have any questions regarding this permit approval, please call Vladimir Korolev at (609) 292-3108.

Approved by:



Yogesh Doshi

Enclosure

CC: Sulin Chan, United States Environmental Protection Agency, Region 2

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
25	<p>VOC (Total) <= 57 lb/hr. This is the Primary Emission Limit based on 24-hour block averages during operation. A 24-hour block average is developed using the continuous emission monitoring system (CEMS).</p> <p>Peak Emission Limit <= 75 lb/hr based on a 1-hour block average.</p> <p>If the 24-hour block average emission value is above the Primary Emission Limit, then the individual hours within the 24-hour block average are compared to the Peak and Primary Emission Limits. Each operating hour with an hourly emission above the Peak Emission Limit constitutes an exceedance of the Peak Emission Limit. Each operating hour with an hourly emission above the Primary Emission Limit but below the Peak Emission Limit is counted in a calendar year based total, with a maximum allowable calendar year count of 150 operating hours; each operating hour beyond the maximum of 150 hours constitutes an exceedance of the Primary Emission Limit.</p> <p>***This is a state-only facility specific applicable requirement pursuant to N.J.A.C.7:27-16.17. This requirement becomes federally enforceable upon the effective date of EPA's approval on NJDEP's source specific SIP revision as published in the Federal Register***. [N.J.A.C. 7:27-16.17]</p>	<p>VOC (Total): Monitored by continuous emission monitoring system continuously, based on a 1 hour block average and 24-hour block average. The VOC CEMS shall be equipped with a data logger and integrator and be used in conjunction with the stack gas flow monitor to obtain hourly and annual emission rates.</p> <p>For those periods when the process is operating but emission data have not been recorded because of malfunction of the CEM system, the rate of emissions will be defined as equivalent to the average of the actual hourly emission rates immediately preceding and following the missing data period. [N.J.A.C. 7:27-22.16(o)]</p>	<p>VOC (Total): Recordkeeping by data acquisition system (DAS) / electronic data storage each hour during operation. [N.J.A.C. 7:27-22.16(o)]</p>	<p>Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): On or before every April 30, July 30, October 30, and January 30 for the preceding quarter year (the quarter years begin on January 1, April 1, July 1, and October 1) electronically through the NJDEP online EEMPR web portal. [N.J.A.C. 7:27-22.16(o)]</p>

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
26	<p>NOx (Total) <= 31 lb/hr. This is the Primary Emission Limit based on 24-hour block averages during operation. A 24-hour block average is developed using the continuous emission monitoring system (CEMS).</p> <p>Peak Emission Limit <= 41 lb/hr based on a 1-hour block average.</p> <p>If the 24-hour block average emission value is above the Primary Emission Limit, then the individual hours within the 24-hour block average are compared to the Peak and Primary Emission Limits. Each operating hour with an hourly emission above the Peak Emission Limit constitutes an exceedance of the Peak Emission Limit. Each operating hour with an hourly emission above the Primary Emission Limit but below the Peak Emission Limit is counted in a calendar year based total, with a maximum allowable calendar year count of 150 operating hours; each operating hour beyond the maximum of 150 hours constitutes an exceedance of the Primary Emission Limit.</p> <p>***This is a state-only facility specific applicable requirement pursuant to N.J.A.C.7:27-19.13. This requirement becomes federally enforceable upon the effective date of EPA's approval on NJDEP's source specific SIP revision as published in the Federal Register***. [N.J.A.C. 7:27-19.13(b)]</p>	<p>NOx (Total): Monitored by continuous emission monitoring system continuously, based on a 1 hour block average and 24-hour block average. The NOx CEMS shall be equipped with a data logger and integrator and be used in conjunction with the stack gas flow monitor to obtain hourly and annual emission rates.</p> <p>For those periods when the process is operating but emission data have not been recorded because of malfunction of the CEM system, the rate of emissions will be defined as equivalent to the average of the actual hourly emission rates immediately preceding and following the missing data period. [N.J.A.C. 7:27-22.16(o)]</p>	<p>NOx (Total): Recordkeeping by data acquisition system (DAS) / electronic data storage each hour during operation. [N.J.A.C. 7:27-22.16(o)]</p>	<p>Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): On or before every April 30, July 30, October 30, and January 30 for the preceding quarter year (the quarter years begin on January 1, April 1, July 1, and October 1) electronically through the NJDEP online EEMPR web portal. [N.J.A.C. 7:27-22.16(o)]</p>
27	<p>TSP <= 11.2 lb/hr. [N.J.A.C. 7:27-22.16(e)]</p>	<p>TSP: Monitored by stack emission testing annually, based on each of three Department validated stack test runs. [N.J.A.C. 7:27-22.16(o)]</p>	<p>TSP: Recordkeeping by stack test results annually. [N.J.A.C. 7:27-22.16(o)]</p>	<p>Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack test requirements in OS Summary. [N.J.A.C. 7:27-22.16(o)]</p>