Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE
5636 Southern Boulevard, Virginia Beach, Virginia 23462
(757) 518-2000
www.deq.virginia.gov

Travis A. Voyles
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director
(804) 698-4020

Craig R. Nicol
Regional Director

August 30, 2023

Captain Matt Frauenzimmer
Commanding Officer
Naval Support Activity Hampton Roads
7918 Blandy Road
Norfolk, Virginia 23551
matthew.t.frauenzimmer.mil@us.navy.mil

Location: Norfolk
Registration No.: 61813

Dear Captain Frauenzimmer:

Attached is a renewal Title V permit to operate your facility pursuant to 9VAC5 Chapter 80, Article 1, of the Virginia Regulations for the Control and Abatement of Air Pollution. The attached permit will be in effect beginning August 30, 2023.

In the course of evaluating the application and arriving at a final decision to issue this permit, the Department of Environmental Quality (DEQ) deemed the application complete on August 18, 2019, and solicited written public comments by placing a newspaper advertisement in *The Virginian-Pilot* on July 11, 2023. The thirty-day required comment period, provided for in 9VAC5-80-270, expired on August 10, 2023.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to operate shall not relieve The U.S. Navy - Naval Support Activity Hampton Roads Headquarters Complex (NSA Hampton Roads) of the responsibility to comply with all other local, state, and federal permit regulations.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

Michael S. Rolband, Director
Department of Environmental Quality
PO Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact the Tidewater Regional Office at 757-518-2000.

Sincerely,

Craig R. Nicol
Regional Director

CRN/JWF/61813_001_003_23_T5R_NSAHR-HQ_cvrltr.docx

Attachment: Permit

cc: File DEQ-TRO
Collin Blalock, Air Compliance Inspector, VA DEQ (via email)
Maya Whitaker, OAPP, VA DEQ (via email)
Chief, Air Enforcement Branch (3AP20), U.S. EPA, Region III (via email)

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Federal Operating Permit
Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9VAC5-80-50 through 9VAC5-80-300, of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Department of the Navy
Facility Name:	Naval Support Activity Hampton Roads Headquarters
Facility Location:	7920 Blandy Road, Building NH-34 Norfolk, VA 23551-2419
Registration Number:	61813
Permit Number:	TRO-61813

This permit includes the following programs:
Federally Enforceable Requirements - Clean Air Act (Pages 3 through 53)

August 30, 2023
Effective Date

August 29, 2028
Expiration Date

August 30, 2023
Signature Date

_____
Craig R. Nicol

Table of Contents

Facility Information

Permittee
Department of the Navy
Naval Support Activity Hampton Roads
7918 Blandy Road
Norfolk, VA 23551

Responsible Official
Captain Matthew Frauenzimmer
Commanding Officer
Naval Support Activity Hampton Roads
757-836-1488
matthew.t.frauenzimmer.mil@us.navy.mil

Facility
U.S. Navy, Naval Support Activity Hampton Roads
7920 Blandy Road
Building NH-34
Norfolk, VA 23551

Contact Person
Ms. Lindsey M. Evans
NEPA and Air Program Manager
757-836-1487
lindsey.m.evans2.civ@us.navy.mil

Federal Identification Number: VA0000005171061813

NAICS: 928110 - National Security and International Affairs

Facility Description

The U.S. Navy - Naval Support Activity Hampton Roads Headquarters Complex (NSA Hampton Roads) is located on Sewell's Point; a peninsula located in Norfolk, Virginia, at the mouth of the port of Hampton Roads and bordered by water on three sides, with Willoughby Bay to the north, the Elizabeth River to the west, and the Lafayette River to the south.

The U.S. Navy - Norfolk Naval Station (registration number 60941), a related facility, is also located at the same site and together they constitute the stationary source. The equipment from the two bases were permitted under the same registration number (60941) but in early 2018 the Navy reorganized the command structure for the bases and a second registration number (61813) was created for NSA Hampton Roads to cover all equipment under its responsibility. The bases have two independent commands, each solely responsible for their respective base's environmental compliance. The two sources are classified as a single source but operate under

separate Title V permits given the independent commands, and environmental compliance. The EPA addresses military installations in the guidance memo, dated August 2, 1996, *Major Source Determinations for Military Installations under the Air Toxics, New Source Review, and Title V Operating Permit Programs of the Clean Air Act*.

The NSA Hampton Roads and Norfolk Naval Station facilities constitute the public works/operations, supply and maintenance department at the home port of the Navy's Atlantic Fleet. No products are manufactured at the NSA Hampton Roads facility. There is not one distinct, overriding "process" conducted at this facility. Instead, various activities and operations are conducted primarily to support the ships and aircraft of the Navy Atlantic Fleet. Processes include but are not limited to: external combustion units (boilers for steam heat and industrial use); internal combustion engines (diesel emergency generators); and woodworking shops for facility maintenance, packing, and shipping.

The facility is a Title V major source of NOx, CO, PM, PM-10, SO_2, VOC, and HAPs. This source is located in an attainment area for all pollutants and is a PSD source. The facility is not permitted under a PSD permit; no permit actions have triggered PSD permitting at this time. Equipment at the NSA Hampton Roads facility is permitted under a Minor New Source Review (NSR) permit dated April 28, 2020.

Emission Units

Equipment to be operated at the facility consists of the following:

BOILERS – EXTERNAL COMBUSTION UNITS – BOILER MACT: BOILER GROUP 1

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
BOIL-8100-1	STBOIL-8100-1	Natural gas-fired boiler	0.75 MMBtu/hr	--	--	--	--
BOIL-8100-2	STBOIL-8100-2	Natural gas-fired boiler	0.75 MMBtu/hr	--	--	--	--
BOIL-8100-3	STBOIL-8100-3	Natural gas-fired boiler	0.75 MMBtu/hr	--	--	--	--
BOIL-8100-7	STBOIL-8100-7	Natural gas-fired boiler	1.05 MMBtu/hr	--	--	--	--
BOIL-8100-8	STBOIL-8100-8	Natural gas-fired boiler	1.05 MMBtu/hr	--	--	--	--
BOIL-8100-9	STBOIL-8100-9	Natural gas-fired boiler	1.05 MMBtu/hr	--	--	--	--
BOIL-BEN154	STBOIL-BEN154	Natural gas-fired boiler (installed 2/1/79)	0.5 MMBtu/hr	--	--	--	--
BOIL-BEN155	STBOIL-BEN155	Natural gas-fired boiler (installed 2/2011)	0.76 MMBtu/hr	--	--	--	--
BOIL-CA10-1	STBOIL-CA10-1	Natural gas-fired boiler	2.0 MMBtu/hr	--	--	--	--
BOIL-CA10-3	STBOIL-CA10-3	Natural gas-fired boiler	2 MMBtu/hr	--	--	--	--
BOIL-CA505-1	STBOIL-CA505-1	Natural gas-fired boiler	2.184 MMBtu/hr	--	--	--	--
BOIL-CA505-2	STBOIL-CA505-2	Natural gas-fired boiler	2.184 MMBtu/hr	--	--	--	--
BOIL-MCA600-1	STBOIL-MCA600-1	Natural gas-fired boiler (installed 3/2014)	0.582 MMBtu/hr	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
BOIL-MCA600-2	STBOIL-MCA600-2	Natural gas-fired boiler (installed 3/2014)	0.582 MMBtu/hr	--	--	--	--
BOIL-MCA600-3	STBOIL-MCA600-3	Natural gas-fired boiler (installed 3/2014)	2.850 MMBtu/hr	--	--	--	--
BOIL-MCA603-1	STBOIL-MCA603-1	Natural gas-fired boiler (installed 3/2014)	0.387 MMBtu/hr	--	--	--	--
BOIL-MCA603-2	STBOIL-MCA603-2	Natural gas-fired boiler (installed 3/2014)	0.387 MMBtu/hr	--	--	--	--
BOIL-MCA612-1	STBOIL-MCA612-1	Natural gas-fired boiler (installed 3/2014)	0.387 MMBtu/hr	--	--	--	--
BOIL-MCA612-2	STBOIL-MCA612-2	Natural gas-fired boiler (installed 3/2014)	0.387 MMBtu/hr	--	--	--	--
BOIL-MCA614-1	STBOIL-MCA614-1	Natural gas-fired boiler (installed 3/2014)	0.776 MMBtu/hr	--	--	--	--
BOIL-MCA614-2	STBOIL-MCA614-2	Natural gas-fired boiler (installed 3/2014)	0.776 MMBtu/hr	--	--	--	--
BOIL-MCA9-1	STBOIL-MCA9-1	Natural gas-fired boiler (installed 3/2014)	0.194 MMBtu/hr	--	--	--	--
BOIL-MCA9-2	STBOIL-MCA9-2	Natural gas-fired boiler (installed 3/2014)	0.194 MMBtu/hr	--	--	--	--
BOIL-MCE1	STBOIL-MCE1	Natural gas-fired boiler (installed 10/1/94)	0.6 MMBtu/hr	--	--	--	--
BOIL-NH12-1	STBOIL-NH12-1	Natural gas-fired boiler (installed 3/2014)	1.327 MMBtu/hr	--	--	--	--
BOIL-NH12-2	STBOIL-NH12-2	Natural gas-fired boiler (installed 3/2014)	1.327 MMBtu/hr	--	--	--	--
BOIL-NH139-1	STBOIL-NH139-1	Natural gas-fired boiler (installed 3/2014)	1.327 MMBtu/hr	--	--	--	--
BOIL-NH139-2	STBOIL-NH139-2	Natural gas-fired boiler (installed 3/2014)	1.327 MMBtu/hr	--	--	--	--
BOIL-NH139-3	STBOIL-NH139-3	Natural gas-fired boiler	1.0 MMBtu/hr	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
BOIL-NH139-4	STBOIL-NH139-4	Natural gas-fired boiler	1.0 MMBtu/hr	--	--	--	--
BOIL-NH140-1	STBOIL-NH140-1	Natural gas-fired boiler	0.5 MMBtu/hr	--	--	--	--
BOIL-NH140-2	STBOIL-NH140-2	Natural gas-fired boiler	0.5 MMBtu/hr	--	--	--	--
BOIL-NH14-1	STBOIL-NH14-1	Natural gas-fired boiler	0.5 MMBtu/hr	--	--	--	--
BOIL-NH14-2	STBOIL-NH14-2	Natural gas-fired boiler	0.5 MMBtu/hr	--	--	--	--
BOIL-NH141-2	STBOIL-NH141-2	Natural gas-fired boiler	0.485 MMBtu/hr	--	--	--	--
BOIL-NH141-3	STBOIL-NH141-3	Natural gas-fired boiler	0.679 MMBtu/hr	--	--	--	--
BOIL-NH142-2	STBOIL-NH142-2	Natural gas-fired boiler	0.485 MMBtu/hr	--	--	--	--
BOIL-NH142-3	STBOIL-NH142-3	Natural gas-fired boiler	0.679 MMBtu/hr	--	--	--	--
BOIL-NH156-2	STBOIL-NH156-2	Natural gas-fired boiler	0.485 MMBtu/hr	--	--	--	--
BOIL-NH156-3	STBOIL-NH156-3	Natural gas-fired boiler	0.679 MMBtu/hr	--	--	--	--
BOIL-NH16-1	STBOIL-NH16-1	Natural gas-fired boiler	0.7 MMBtu/hr	--	--	--	--
BOIL-NH16-2	STBOIL-NH16-2	Natural gas-fired boiler	0.7 MMBtu/hr	--	--	--	--
BOIL-NH16-3	STBOIL-NH16-3	Natural gas-fired boiler	0.08 MMBtu/hr	--	--	--	--
BOIL-NH19-1	STBOIL-NH19-1	Natural gas-fired boiler	0.7 MMBtu/hr	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
BOIL-NH2-1	STBOIL-NH2-1	Natural gas-fired boiler	2.835 MMBtu/hr	--	--	--	--
BOIL-NH2-2	STBOIL-NH2-2	Natural gas-fired boiler	2.835 MMBtu/hr	--	--	--	--
BOIL-NH2-3	STBOIL-NH2-3	Natural gas-fired boiler	2.835 MMBtu/hr	--	--	--	--
BOIL-NH30-1	STBOIL-NH30-1	Natural gas-fired boiler	1.138 MMBtu/hr	--	--	--	--
BOIL-NH30-2	STBOIL-NH30-2	Natural gas-fired boiler	1.138 MMBtu/hr	--	--	--	--
BOIL-NH31-1	STBOIL-NH31-1	Natural gas-fired boiler	0.94 MMBtu/hr	--	--	--	--
BOIL-NH31-2	STBOIL-NH31-2	Natural gas-fired boiler	0.94 MMBtu/hr	--	--	--	--
BOIL-NH31-3	STBOIL-NH31-3	Natural gas-fired boiler	0.94 MMBtu/hr	--	--	--	--
BOIL-NH31-4	STBOIL-NH31-4	Natural gas-fired boiler	0.94 MMBtu/hr	--	--	--	--
BOIL-NH31-5	STBOIL-NH31-5	Natural gas-fired boiler	1.5 MMBtu/hr	--	--	--	--
BOIL-NH32-2	STBOIL-NH32-2	Natural gas-fired boiler	0.5 MMBtu/hr	--	--	--	--
BOIL-NH33-1	STBOIL-NH33-1	Natural gas-fired boiler	0.776 MMBtu/hr	--	--	--	--
BOIL-NH33-2	STBOIL-NH33-2	Natural gas-fired boiler	0.776 MMBtu/hr	--	--	--	--
BOIL-NH33-3	STBOIL-NH33-3	Natural gas-fired boiler	2.85 MMBtu/hr	--	--	--	--
BOIL-NH34	STBOIL-NH34	Natural gas-fired boiler	0.499 MMBtu/hr	--	--	--	--
BOIL-NH38-001	STBOIL-NH38-001	Natural gas-fired boiler	0.98 MMBtu/hr	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
BOIL-NH38-002	STBOIL-NH38-002	Natural gas-fired boiler	0.98 MMBtu/hr	--	--	--	--
BOIL-NH41-1	STBOIL-NH41-1	Natural gas-fired boiler	0.996 MMBtu/hr	--	--	--	--
BOIL-NH41-2	STBOIL-NH41-2	Natural gas-fired boiler	0.996 MMBtu/hr	--	--	--	--
BOIL-NH41-3	STBOIL-NH41-3	Natural gas-fired boiler	0.996 MMBtu/hr	--	--	--	--
BOIL-NH46-1	STBOIL-NH46-1	Natural gas-fired boiler	0.45 MMBtu/hr	--	--	--	--
BOIL-NH46-2	STBOIL-NH46-2	Natural gas-fired boiler	0.45 MMBtu/hr	--	--	--	--
BOIL-NH6-1	STBOIL-NH6-1	Natural gas-fired boiler	0.8 MMBtu/hr	--	--	--	--
BOIL-NH6-2	STBOIL-NH6-2	Natural gas-fired boiler	0.8 MMBtu/hr	--	--	--	--
BOIL-NH7-2	STBOIL-NH7-2	Natural gas-fired boiler	0.8 MMBtu/hr	--	--	--	--
BOIL-NH95-2	STBOIL-NH95-2	Natural gas-fired boiler	3.307 MMBtu/hr	--	--	--	--
BOIL-NH95-3	STBOIL-NH95-3	Natural gas-fired boiler	3.307 MMBtu/hr	--	--	--	--
BOIL-NH95-4	STBOIL-NH95-4	Natural gas-fired boiler	0.776 MMBtu/hr	--	--	--	--
BOIL-NH95-5	STBOIL-NH95-5	Natural gas-fired boiler	0.776 MMBtu/hr	--	--	--	--
BOIL-SC1-1	STBOIL-SC1-1	Natural gas-fired boiler	2 MMBtu/hr	--	--	--	--
BOIL-SC1-2	STBOIL-SC1-2	Natural gas-fired boiler	2 MMBtu/hr	--	--	--	--
BOIL-SC1-3	STBOIL-SC1-3	Natural gas-fired boiler	2 MMBtu/hr	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
BOIL-SC1-4	STBOIL-SC1-4	Natural gas-fired boiler	2 MMBtu/hr	--	--	--	--
BOIL-SC1-5	STBOIL-SC1-5	Natural gas-fired boiler	2 MMBtu/hr	--	--	--	--
BOIL-SDA309	STBOIL-SDA309	Natural gas-fired boiler	0.293 MMBtu/hr	--	--	--	--
BOIL-SDA313-1	STBOIL-SDA313-1	Natural gas-fired boiler	0.45 MMBtu/hr	--	--	--	--
BOIL-SDA313-055	STBOIL-SDA313-055	Natural gas-fired boiler	1 MMBtu/hr	--	--	--	--
BOIL-SDA313-056	STBOIL-SDA313-056	Natural gas-fired boiler	1 MMBtu/hr	--	--	--	--
BOIL-SDA332-1	STBOIL-SDA332-1	Natural gas-fired boiler	0.399 MMBtu/hr	--	--	--	--
BOIL-SDA332-2	STBOIL-SDA332-2	Natural gas-fired boiler	0.399999 MMBtu/hr	--	--	--	--
BOIL-SDA334-009	STBOIL-SDA334-009	Natural gas-fired boiler	0.480 MMBtu/hr	--	--	--	--
BOIL-SDA334-010	STBOIL-SDA334-010	Natural gas-fired boiler	0.480 MMBtu/hr	--	--	--	--
BOIL-SDA344-1	STBOIL-SDA344-1	Natural gas-fired boiler	0.84 MMBtu/hr	--	--	--	--
DRY-SDA313-1	STDRY-SDA313-1	Natural gas-fired boiler	0.27 MMBtu/hr	--	--	--	--
DRY-SDA313-2	STDRY-SDA313-2	Natural gas-fired boiler	0.27 MMBtu/hr	--	--	--	--
DRY-SDA313-3	STDRY-SDA313-3	Natural gas-fired boiler	0.27 MMBtu/hr	--	--	--	--
DRY-SDA313-4	STDRY-SDA313-4	Natural gas-fired boiler	0.27 MMBtu/hr	--	--	--	--

EMERGENCY INTERNAL COMBUSTION ENGINES – MACT GROUP 1

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH139-3	STICGF-NH139-3	Emergency Generator Caterpillar 3412 Diesel Manufacture: 10/10/1988	500 kW (671 HP)	--	--	--	--
ICGF-NH19-1	STICGF-NH19-1	Emergency Generator Caterpillar 3412 Diesel Manufacture: 12/16/1988	425 kW (570 HP)	--	--	--	--
ICGF-NH19-3	STICGF-NH19-3	Emergency Generator Caterpillar 3412 Diesel Manufacture: 1997	500 kW (671 HP)	--	--	--	--

EMERGENCY INTERNAL COMBUSTION ENGINES – MACT GROUP 2

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-BEN154	STICGF-BEN154	Emergency Generator Cummins 4B-3.9 Diesel Manufacture: 7/27/1984	15 kW (20 HP)	--	--	--	--
ICGF-CA10	STICGF-CA10	Emergency Generator Generac OA9046 Natural Gas Manufacture: 9/24/2001	40 kW (54 HP)	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH75	STICGF-NH75	Emergency Generator John Deere 4045TF150 Diesel Manufacture: October 2005	62 kW (83 HP)	--	--	--	--
ICGF-NH142	STICGF-NH142	Emergency Generator Diesel Manufacture: < 2004	30 kW (40 HP)	--	--	--	--
ICGF-NH26	STICGF-NH26	Emergency Generator Caterpillar 3408D1 Diesel Manufacture: 10/31/1985	332 kW (445 HP)	--	--	--	--
ICGF-NH36	STICGF-NH36	Emergency Generator Cummins 4BT3.9-G2 Diesel Manufacture: 10/19/2002	60 kW (80 HP)	--	--	--	--
ICGF-NH41-E	STICGF-NH41-E	Emergency Generator Cummins NT855G4 Diesel Manufacture: 10/1/1987	150 kW (201 HP)	--	--	--	--
ICGF-NH41-W	STICGF-NH41-W	Emergency Generator Perkins 1869/1800 Diesel Manufacture: 1998	125 kW (168 HP)	--	--	--	--
ICGF-NH74	STICGF-NH74	Emergency Generator Perkins 2330/1500 Diesel Manufacture: 1983	100 kW (134 HP)	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH8-1	STICGF-NH8-1	Emergency Generator Caterpillar 3304BD1 Diesel Manufacture: 7/6/1993	125 kW (168 HP)	--	--	--	--
ICGF-NH8-2	STICGF-NH8-2	Emergency Generator John Deere 6059TF001 Diesel Manufacture: 7/24/1992	100 kW (134 HP)	--	--	--	--
ICGF-NH8-3	STICGF-NH8-3	Emergency Generator John Deere 6059TF001 Diesel Manufacture: 7/24/1992	100 kW (134 HP)	--	--	--	--
ICGF-NH95	STICGF-NH95	Emergency Generator Cummins NT-855-G4 Diesel Manufacture: 9/1/1990	200 kW (268 HP)	--	--	--	--

EMERGENCY INTERNAL COMBUSTION ENGINES – MACT GROUP 3

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH139-1	STICGF-NH139-1	Emergency Generator Caterpillar 3412 Diesel Manufacture: 2004	600 kW (805 HP)	--	--	--	--
ICGF-NH139-2	STICGF-NH139-2	Emergency Generator Caterpillar 3412 Diesel Manufacture: 2004	600 kW (805 HP)	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH31-400	STICGF-NH31-400	Emergency Generator Caterpillar 3406 Diesel Manufacture: 2004	400 kW (536 HP)	--	--	--	--
ICGF-NH32	STICGF-NH32	Emergency Generator Volvo TAD1641GE Diesel Manufacture: 7/1/2007	505 kW (677 HP)	--	--	--	--
ICGF-NH33	STICGF-NH33	Emergency Generator Caterpillar 3465 Diesel Manufacture: 2005	500 kW (671 HP)	--	--	--	--
ICGF-NH46	STICGF-NH46	Emergency Generator Diesel Manufacture: 12/31/2010	1250 kW (1676 HP)	--	--	--	--

EMERGENCY INTERNAL COMBUSTION ENGINES – MACT GROUP 4 / NSPS GROUP IIII

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-CA6	STICGF-CA6	Emergency Generator Kohler 100REOZJF John Deere Engine 4045HF285I Diesel Manufacture: 2012	100 kW (134 HP)	--	--	--	--

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH154-350	STICGF-NH154-350	Emergency Generator Cummins NTA-855-G3 Diesel Manufacture: 2010	350 kW (469 HP)	--	--	--	--
ICGF-NH32	STICGF-NH32	Emergency Generator Volvo TAD1641GE Diesel Manufacture: 7/1/2007	505 kW (677 HP)	--	--	--	--
ICGF-NH46	STICGF-NH46	Emergency Generator Diesel Manufacture: 12/31/2010	1250 kW (1676 HP)	--	--	--	--
ICGF-SDA313A	STICGF-SDA313A	Emergency Generator Caterpillar D125-6 Diesel Manufacture: 2008	125 kW (168 HP)	--	--	--	--
ICGF-SDA332	STICGF-SDA332	Emergency Generator John Deere 6090 Diesel Manufacture: 1/9/2008	250 kW (335 HP)	--	--	--	--

NON-EMERGENCY INTERNAL COMBUSTION ENGINES

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH94-1A	STICGF-NH94-1A	Caterpillar 3516B non-emergency engine generator set equipped with an e2comply, model AirClarity 2000 diesel oxidation catalyst; Manufactured 2008; Installed 3/8/10 Diesel	2,250 kW	Diesel Oxidation Catalyst	DOC	CO	April 28, 2020
ICGF-NH94-2A	STICGF-NH94-2A	Caterpillar 3516B non-emergency engine generator set equipped with an e2comply, model AirClarity 2000 diesel oxidation catalyst; Manufactured 2008; Installed 8/25/10 Diesel	2,250 kW	Diesel Oxidation Catalyst	DOC	CO	April 28, 2020

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ICGF-NH94-3A	STICGF-NH94-3A	Caterpillar 3516B non-emergency engine generator set equipped with an e2comply, model AirClarity 2000 diesel oxidation catalyst; Manufactured 2008; Installed 12/8/09 Diesel	2,250 kW	Diesel Oxidation Catalyst	DOC	CO	April 28, 2020
ICGF-NH94-4A	STICGF-NH94-4A	Caterpillar 3516B non-emergency engine generator set equipped with an e2comply, model AirClarity 2000 diesel oxidation catalyst; Manufactured 2008; Installed 4/27/10 Diesel	2,250 kW	Diesel Oxidation Catalyst	DOC	CO	April 28, 2020

WOODWORKING OPERATIONS

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
WOOD-NH31	STWOOD-NH31	Woodshop with outside vent	--	Cyclones and/or Baghouses	--	PM, PM10	--

FUEL DISPENSING - GASOLINE

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
GSTA-CA501	--	Commercial gasoline/E85 service stations	--	Stage 1 Vapor Recovery	N/A	VOC, HAPS	--
GSTA-MCE224	--	Commercial gasoline/E85 service stations	--	Stage 1 Vapor Recovery	N/A	VOC, HAPS	--

DEGREASING OPERATIONS

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
DEGS-GRP1: - DEGS-CA501 - DEGS-MCA604 - DEGS-NH94	--	Degreasing and parts cleaning	--	--	--	--	--

*The Size/Rated capacity and PCD efficiency is provided for informational purposes only, and is not an applicable requirement.

National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters: 40CFR63 Subpart DDDDD

As used in the Boiler MACT Section of the permit:

- The classification "Boiler Group 1" refers to the boiler groupings provided in the Emission Units table of the permit; and
- "You" refers to the permittee.

Limitations

1. Operating Limits - At all times, you must operate and maintain the boilers (Ref. Boiler Group 1), including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to DEQ that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
   (9VAC5-80-110 and 40CFR63.7500 (a)(3))

2. Tune-Up: Every Five Years - For boilers listed under Boiler Group 1 in the Emission Units table, you must conduct a performance tune-up every five years, as specified below. Each 5-year tune-up must be conducted no more than 61 months after the initial startup and then 61 months after the previous tune-up. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.

   a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

   b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

   c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection;

d. Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOx requirement to which the unit is subject;

e. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

f. Maintain on-site and submit, if requested by DEQ, a report containing the information in paragraphs (i) through (iii) below:

i. The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;
ii. A description of any corrective actions taken as a part of the tune-up; and
iii. The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

(9VAC5-80-110, 40CFR63.7500 (a)(1), 40CFR63.7515 (d), 40CFR63.7540 (a)(10), (12), and (13), and Table 3 of 40CFR63 Subpart DDDDD)

Recordkeeping

3. Records - The permittee shall maintain records of emissions data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the DEQ. These records shall include, but are not limited to:

a. A copy of each notification and report that you submitted to comply with 40CFR63 Subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that you submitted, according to the requirements in 40CFR63.10(b)(2)(xiv); and

b. Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in 40CFR63.10(b)(2)(viii).

Your records must be in a form suitable and readily available for expeditious review, according to 40CFR63.10 (b)(1). As specified in 40CFR63.10 (b)(1), you must keep each record for five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. You must keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least two years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40CFR63.10(b)(1). You can keep the records off site for the remaining three years.
(9VAC5-80-110, 40CFR63.7540 (a)(7), 40CFR63.7555 and 40CFR63.7560)

Reporting

4. Reporting - The permittee shall submit compliance reports every five-years in accordance with 40CFR63.7550 (b). The first and subsequent compliance reports shall be submitted according to the dates established in Condition 72.
(9VAC5-80-110 and 40CFR63.7550)

Emergency Internal Combustion Engines: National Emission Standards for Hazardous Air Pollutants and New Source Performance Standards: Reciprocating Internal Combustion Engines (RICE)

As used in this Section of the permit:

- The classifications "NSPS Group IIII, MACT Group 1, MACT Group 2, MACT Group 3, and MACT Group 4" refer to the RICE groupings provided in the Emission Units table of the permit.
    - NSPS Group IIII
    - MACT Group 1: Existing Emergency RICE > 500 HP
    - MACT Group 2: Existing Emergency RICE ≤ 500 HP
    - MACT Group 3: New Emergency RICE > 500 HP
    - MACT Group 4: New Emergency RICE ≤ 500 HP
- "You" refers to the permittee.

Limitations

5. Limitations - The emergency RICE (Ref. MACT Group 4) must meet the requirements of 40CFR63 Subpart ZZZZ by meeting the applicable requirements of 40CFR60 Subpart IIII or 40CFR60 Subpart JJJJ.
(9VAC5-80-110 and 40CFR63.6590(c))

6. Limitations - The approved fuel for the CI emergency RICE (Ref. NSPS Group IIII, MACT Group 1, MACT Group 2, MACT Group 3, and MACT Group 4) is diesel fuel, as specified for each unit in the Emission Units table. The approved fuels for the SI emergency RICE (Ref. MACT Group 3 and MACT Group 4) are gasoline and natural gas, as specified for each unit in the Emission Units table.
(9VAC5-80-110, 40CFR63.6590(c), 40CFR60.4207, and 40 CFR60 Subpart IIII)

7. Limitations - The emergency RICE (Ref. NSPS Group IIII) must use diesel fuel with a sulfur content of no greater than 15 parts per million (0.0015%).
(9VAC5-80-110 and 40CFR60.4207(b))

8. Limitations - The permittee must maintain and operate the emergency RICE (Ref. NSPS Group IIII) according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the manufacturer, over the entire life of the engine. In addition, the permittee may only change those settings that are approved by the manufacturer.
(9VAC5-80-110, 40CFR63.6590 (c), 40CFR60.4206, and 40CFR60.4211)

9. Limitations - Emissions from the operation of the specified emergency RICE shall not exceed the limits specified below:

Ref. Nos.	NMHC + NO_x (g/kW-hr)	CO (g/kW-hr)	PM (g/kW-hr)
ICGF-CA6 (75 kW, 2012)	4.0	5.0	0.30
ICGF-NH154-350 (395 kW, 2010)	4.0	3.5	0.20
ICGF-NH32 (565 kW, 2007)	6.4	3.5	0.20
ICGF-NH46 (1644 kW, 2010)	6.4	3.5	0.20
ICGF-SDA313A (161 kW, 2008)	4.0	5.0	0.30
ICGF-SDA332 (314 kW, 2007)	4.0	3.5	0.20

The permittee must operate and maintain each emergency generator over the entire life of the engine. Compliance with these emission limits may be determined by keeping records of engine manufacture data indicating compliance with these emission limits.
(9VAC5-80-110, 40CFR60.4205 (b), 40CFR60.4205 (c), and 40CFR60.4211 (c))

10. Limitations - The permittee must operate the emergency stationary ICE (MACT Groups 1, 2, 3, and 4, and NSPS Group IIII) according to the following requirements. In order for the engine to be considered an emergency stationary ICE, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described below, is prohibited. If you do not operate the engine according to the following requirements, the engine will not be considered an emergency engine under 40CFR60 Subpart JJJJ, 40CFR60 Subpart IIII, or 40CFR63 Subpart ZZZZ, and must meet all requirements for non-emergency engines:

    a. You may operate your emergency stationary ICE for any combination of operations other than emergency operations. This includes maintenance, testing, and operation in non-emergency situations for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by Condition 10.b counts as part of the allowed 100 hours per calendar year. Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for

approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

b. Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in Condition 10.a. The 50 hours per year for non-emergency situations cannot be used for peak shaving, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(9VAC5-80-110, 40CFR60.4211 (f), 40CFR60.4219, 40CFR63.6590 (c), and 40CFR63.6640 (f))

11. Limitations - The CI engines (Ref. MACT Group 2) shall comply with the maintenance requirements specified in sections 1 (a) through (c) of Table 2c to Subpart ZZZZ:

a. Change oil and filter every 500 hours of operation or annually, whichever comes first, or at an extended frequency if utilizing an oil analysis program as described in 40CFR63.6625(i);

b. Inspect air cleaner every 1000 hours of operation or annually, whichever comes first; and

c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first.

(9VAC5-80-110, 9VAC5-60-90, 9VAC5-60-100, and 40CFR63, Subpart ZZZZ)

12. Limitations - During periods of startup the permittee must minimize the time spent at idle for the emergency engines (Ref. MACT Group 2) and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.
(9VAC5-80-110 and 40CFR63.6625 (h))

Monitoring

13. Monitoring - The permittee must install a non-resettable hour meter prior to the startup of the emergency RICE (Ref. NSPS Group IIII). The hour meter shall be provided with adequate access for inspection.
(9VAC5-80-110, 40CFR63.6590 (c), and 40CFR60.4209)

14. Monitoring - The facility shall install non-resettable hour meters on the emergency stationary RICE (Ref. MACT Groups 1, 2, 3, and 4). The hour meter shall be provided with adequate access for inspection.
(9VAC5-80-110 and 40CFR63.6625 (f))

15. Monitoring - The permittee shall develop a maintenance plan for the emergency RICE (Ref. MACT Group 2) that provides to the extent practicable for the maintenance and operation of each engine in a manner consistent with good air pollution control practice for minimizing emissions. (9VAC5-80-110, 9VAC5-60-90, 9VAC5-60-100, and 40CFR63.6625 (e))

16. Monitoring - The permittee shall obtain a certification from the fuel supplier with each shipment of diesel fuel for the emergency RICE (Ref. NSPS Group IIII and MACT Group 4). Each fuel supplier certification shall include the following:

    a. The name of the fuel supplier;

    b. The date on which the diesel fuel was received;

    c. The volume of diesel fuel delivered in the shipment;

    d. A statement that the diesel fuel complies with the ASTM specifications; and

    e. The sulfur content of the diesel fuel.

    Fuel sampling and analysis, independent of that used for certification, as may be periodically required or conducted by DEQ may be used to determine compliance with the fuel specifications stipulated in Condition 7. Exceedance of these specifications may be considered credible evidence of the exceedance of emission limits.
    (9VAC5-80-110)

Recordkeeping

17. Recordkeeping – The permittee shall maintain records of all emissions data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the DEQ. These records shall include, but are not limited to:

    a. All fuel supplier certifications.

    b. Results of all stack tests and visible emission evaluations.

    c. Scheduled and unscheduled maintenance, and operator training.

    d. Records of engine manufacture data as required in Condition 9.

    e. Records of the maintenance conducted on the CI engines (Ref. MACT Group 2) in order to demonstrate that each engine is operated and maintained according to the maintenance plan required by Condition 15.

f. Records of the hours of operation of the CI engines (Ref. MACT Groups 1, 2, 3, and 4, and NSPS Group IIII) that are recorded on a non-resettable hour meter. The permittee must document how many hours are spent annually for each of the following: emergency operation (including what classified the operation as emergency), non-emergency operation, maintenance, and testing. Annual hours shall be calculated monthly as the sum of each consecutive 12-month period.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
(9VAC5-80-110, 40CFR63.6655 (e) and (f), 40CFR60.4214, and 9VAC5-50-50)

Testing

18. Testing - Upon request by the DEQ, the permittee shall conduct performance tests on the emergency RICE to demonstrate compliance with the limitations contained in this permit. The details of the tests shall be arranged with the DEQ.
(9VAC5-80-110)

Non-Emergency Internal Combustion Engines (Emission Units ICGF-NH94-1A through 4A)

As used in the Non-Emergency Internal Combustion Engines Section of the permit:

- "You" refers to the permittee.

Limitations

19. Limitations - Carbon monoxide (CO) emission from each engine-generator set (Ref. Nos. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) shall be controlled by a diesel oxidation catalyst (DOC). The DOC shall be provided with adequate access for inspection and shall be in operation when the respective engine-generator set is operating.
(9VAC5-80-110 and Condition 1 of the 4/28/2020 Permit)

20. Limitations - The approved fuel for each engine-generator set (Ref. Nos. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) is diesel fuel. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-110 and Condition 2 of the 4/28/2020 Permit)

21. Limitations - The four engine-generator sets (Ref. Nos. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A), combined, shall consume no more than 186,120 gallons of diesel fuel per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
(9VAC5-80-110 and Condition 3 of the 4/28/2020 Permit)

22. Limitations - The diesel fuel shall meet the specifications below:

DIESEL FUEL which meets the ASTM D975 specification for Grades 1 or 2 diesel fuel:
Maximum sulfur content per shipment (beginning October 1, 2010): 0.0015%

(9VAC5-80-110, 40CFR60.4207 (b), and Condition 4 of the 4/28/2020 Permit)

23. Limitations - Emissions from the operation of the engine-generator sets (Ref. Nos. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) shall not exceed the limits specified below:

	Each	Combined
Sulfur Dioxide	1.1 lbs/hr	0.7 tons/yr
Nitrogen Oxides (as NO2)	65.9 lbs/hr	39.3 tons/yr
Carbon Monoxide	2.8 lbs/hr	1.7 tons/yr
Volatile Organic Compounds	1.0 lbs/hr	0.6 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 19, 20, 21, 22, and 35.
(9VAC5-80-110 and Condition 7 of the 4/28/2020 Permit)

24. Limitations - Visible emissions from each engine-generator set (Ref. Nos. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) shall not exceed 20% opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30% opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9VAC5-80-110 and Condition 8 of the 4/28/2020)

25. Limitations - Emissions from the operation of each of the non-emergency RICE (ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) shall not exceed the limits specified below:

Nitrogen Oxides (NOx)	9.2 g/kW-hr
Hydrocarbons (HC)	1.3 g/kW-hr
Carbon Monoxide (CO)	11.4 g/kW-hr
Particulate Matter (PM)	0.54 g/kW-hr

The permittee must operate and maintain each non-emergency CI RICE over the entire life of the engine. Compliance with these emission limits may be determined by keeping records of engine manufacture data indicating compliance with these emission limits.
(9VAC5-80-110, 40CFR60.4204 (b), 40CFR60.4201 (b), Table 1 to 40CFR60 Subpart IIII, and 40CFR60.4206)

26. Limitations - The permittee shall:

    a. Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

    b. Change only those emission-related settings that are permitted by the manufacturer;

    c. Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you; and

    d. Comply with the emission limitations in Condition 25. The engine must be installed and configured according to the manufacturer's emission-related specification.

    (9VAC5-80-110, 40CFR60.4211 (a), and 40CFR60.4211 (c))

27. Limitations - The permittee must comply with the following emission limitations for the CI RICE (Ref. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) at 100 percent load plus or minus 10 percent, except during periods of startup:

    a. Reduce CO emissions by 70 percent or more; or

    b. Limit concentration of formaldehyde in the stationary RICE exhaust to 580 ppbvd or less at 15 percent O_2.

    Compliance with the numerical emission limitations established in this subpart is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in 40CFR63.6620 and Table 4 to 40CFR63 Subpart ZZZZ. You must be in compliance with the emission limitations and operating limitations in this subpart that apply to you at all times. Deviations from the emission or operating limitations that occur during the first 200 hours of operation from engine startup (engine burn-in period) are not violations.
    (9VAC5-80-110, 40CFR63.6600, Table 2a to 40CFR63 Subpart ZZZZ, 40CFR63.6605 (a), and 40CFR63.6640 (d))

28. Limitations - At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may

include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
(9VAC5-80-110 and 40CFR63.6605 (b))

29. Limitations - The permittee must comply with the following operating limitations for the CI RICE (Ref. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A):

    a. Maintain your catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst that was measured during the initial performance test; and

    b. Maintain the temperature of your stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.

    Compliance with the numerical emission limitations established in this subpart is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in 40CFR63.6620 and Table 4 to 40CFR63 Subpart ZZZZ.
    (9VAC5-80-110, 40CFR63.6600, and Table 2b to 40CFR63 Subpart ZZZZ)

30. Limitation - You must minimize each engine's (Ref. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup.
    (9VAC5-80-110 and 40CFR63.6625 (h))

Monitoring

31. Fuel Certification - The permittee shall obtain a certification from the fuel supplier with each shipment of diesel fuel. Each fuel supplier certification shall include the following:

    a. The name of the fuel supplier;

    b. The date on which the diesel fuel was received;

    c. The quantity of diesel fuel delivered in the shipment;

    d. A statement that the diesel fuel complies with the American Society for Testing and Materials specifications (ASTM D975) for Grades 1 or 2 diesel fuel; and

    e. The maximum sulfur content of the diesel fuel.

    Fuel sampling and analysis, independent of that used for certification, as may be periodically required or conducted by DEQ may be used to determine compliance with the fuel specifications stipulated in Condition 22. Exceedance of these specifications may be considered credible evidence of the exceedance of emission limits.
    (9VAC5-80-110 and Condition 5 of the 4/28/2020 Permit)

32. Monitoring - The engine generator sets shall be equipped with devices to continuously measure and record the DOC catalyst bed temperature at a minimum frequency of once every fifteen minutes during the operation of each engine-generator set. The information shall be correlated to run date, engine load/kilowatt output, and engine operating hours.

    Each monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the DOC is operating.
    (9VAC5-80-110 and Condition 6 of the 4/28/2020 Permit)

33. Monitoring - You must install, operate, and maintain each CPMS according to the following:

    a. You must prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in parts (i) through (v), below, and in 40CFR63.8 (d). As specified in 40CFR63.8 (f) (4), you may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in parts (i) through (v), below, in your site-specific monitoring plan.

        i. The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations;
        ii. Sampling interface (e.g., thermocouple) location such that the monitoring system will provide representative measurements;
        iii. Equipment performance evaluations, system accuracy audits, or other audit procedures;
        iv. Ongoing operation and maintenance procedures in accordance with provisions in 40CFR63.8 (c)(1)(ii) and (c)(3); and
        v. Ongoing reporting and recordkeeping procedures in accordance with provisions in 40CFR63.10 (c), (e)(1), and (e)(2)(i).

    b. You must install, operate, and maintain each CPMS in continuous operation according to the procedures in your site-specific monitoring plan.

    c. The CPMS must collect data at least once every 15 minutes.

    d. For a CPMS for measuring temperature range, the temperature sensor must have a minimum tolerance of 2.8 degrees Celsius (5 °F) or 1 percent of the measurement range, whichever is larger.

    e. You must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in your site-specific monitoring plan at least annually.

f. You must conduct a performance evaluation of each CPMS in accordance with your site-specific monitoring plan.

(9VAC5-80-110 and 40CFR63.6625 (b))

34. Monitoring - Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, you must monitor continuously at all times that the stationary RICE (Ref. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions. You may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. You must, however, use all the valid data collected during all other periods. (9VAC5-80-110 and 40CFR63.6635 (b) and (c))

Recordkeeping

35. Recordkeeping - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. Annual throughput of diesel fuel (in gallons), calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

    b. All fuel supplier certifications.

    c. Operation and control device monitoring records for each engine-generator set equipped with a DOC (Ref. Nos. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A) as required in Condition 32. This includes records of the DOC catalyst bed temperature.

    d. Results of all stack tests.

    These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
    (9VAC5-50-50, 9VAC5-80-110, and Condition 9 of the 4/28/2020 Permit)

36. Recordkeeping - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit for the non-emergency CI RICE (Ref. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A). The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

a. All notifications submitted to comply with this subpart and all documentation supporting any notification.

b. Maintenance conducted on the engine.

c. Documentation from the manufacturer that the engine is certified to meet the emission standards.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
(9VAC5-80-110 and 40CFR60.4214 (a))

37. Recordkeeping - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

a. A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in 40CFR63.10 (b)(2)(xiv).

b. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

c. Records of performance tests and performance evaluations as required in 40CFR63.10 (b)(2)(viii).

d. Records of all required maintenance performed on the air pollution control and monitoring equipment.

e. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40CFR63.6605 (b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

f. Records described in 40CFR63.10 (b)(2)(vi) through (xi).

g. Previous (i.e., superseded) versions of the performance evaluation plan as required in 40CFR63.8 (d)(3).

h. Requests for alternatives to the relative accuracy test for CEMS or CPMS as required in 40CFR63.8 (f)(6)(i), if applicable.

i. You must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies to you.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
(9VAC5-80-110 and 40CFR63.6655 (a), (b), and (d))

Testing

38. Testing - The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the DEQ, test ports shall be provided at the appropriate locations.
(9VAC5-50-30, 9VAC5-80-110, and Condition 10 of the 4/28/2020)

39. Testing - If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within one year of startup, or within one year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within one year after you change emission-related settings in a way that is not permitted by the manufacturer.
(9VAC5-80-110 and 40CFR60.4211 (g)(3))

40. Testing - Performance tests conducted in accordance with Condition 39 must conduct the performance test according to the in-use testing procedures in 40 CFR part 1039, subpart F. In-use performance tests must meet the not-to-exceed (NTE) standards as indicated in 40CFR60.4212.
(9VAC5-80-110, 40CFR60.4212, and 40CFR60.4204 (d))

41. Testing - You must conduct each performance test in Tables 3 and 4 of 40CFR63 Subpart ZZZZ that applies to you. Each performance test must be conducted according to the requirements that this subpart specifies in Table 4 to 40CFR63 Subpart ZZZZ. If you own or operate a non-operational stationary RICE that is subject to performance testing, you do not need to start up the engine solely to conduct the performance test. Owners and operators of a non-operational engine can conduct the performance test when the engine is started up again. You must conduct three separate test runs for each performance test required in this section, as specified in 40CFR63.7 (e)(3). Each test run must last at least one hour.
(9VAC5-80-110 and 40CFR63.6620 (a), (b), and (d))

42. Testing - For performance tests:

    a. You must use Equation 1 of section 40CFR63.6620 (e) to determine compliance with the percent reduction.

    b. You must normalize the carbon monoxide (CO) or formaldehyde concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO2). If pollutant concentrations are to be corrected to 15 percent oxygen and the CO2 concentration is measured in lieu of oxygen concentration measurement, a CO2 correction factor is needed. Calculate the CO2 correction factor as described in 40CFR63.6620 (e)(2)(i) through (iii).

    c. The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accurate in percentage of true value must be provided.

    (9VAC5-80-110, 40CFR63.6620 (e), and 40CFR63.6620 (i))

Reporting

43. Reporting - The permittee must submit initial notification as required in 40CFR60.7 (a)(1) for the non-emergency CI RICE (Ref. ICGF-NH94-1A, ICGF-NH94-2A, ICGF-NH94-3A, and ICGF-NH94-4A). The initial notification must contain all the following information:

    a. The name and address of the owner or operator;

    b. The address (i.e., physical location) of the affected source;

    c. Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;

    d. Emission control equipment; and

    e. Fuel used.

One copy of the notification shall be submitted to the U.S. Environmental Protection Agency at the address specified below:

U.S. Environmental Protection Agency
Region III, Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852

(9VAC5-80-110 and 40CFR60.4214 (a))

44. Reporting - You must report each instance in which you did not meet each emission limitation or operating limitation. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in 40CFR63.6650. If you change your catalyst, you must reestablish the values of the operating parameters measured during the initial performance test. When you reestablish the values of your operating parameters, you must also conduct a performance test to demonstrate that you are meeting the required emission limitation applicable to your stationary RICE. You must also report each instance in which you did not meet the requirements in Table 8 to 40CFR63 Subpart ZZZZ that apply to you.
(9VAC5-80-110 and 40CFR63.6640 (b) and (e))

45. Reporting - You must submit all of the notifications in 40CFR63.7 (b) and (c), 40CFR63.8 (e), (f)(4) and (f)(6), 40CFR63.9(b) through (e), and (g) and (h) that apply to you by the dates specified.
(9VAC5-80-110 and 40CFR63.6645 (a))

46. Reporting - You must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in 40CFR63.7(b)(1). You must submit a Notification of Compliance Status according to 40CFR63.9 (h)(2)(ii).
(9VAC5-80-110 and 40CFR63.6645 (g) and (h))

47. Reporting - The facility shall submit the following reports:

    a. You must submit each report in Table 7 of this subpart that applies to you.

    b. The Compliance report must contain the following information:

        i. Company name and address.

        ii. Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.

        iii. Date of report and beginning and ending dates of the reporting period.

iv. If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40CFR63.6605 (b), including actions taken to correct a malfunction.

v. If there are no deviations from any emission or operating limitations that apply to you, a statement that there were no deviations from the emission or operating limitations during the reporting period.

vi. If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in 40CFR63.8 (c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.

c. For each deviation from an emission or operating limitation that occurs for a stationary RICE where you are not using a CMS to comply with the emission or operating limitations in this subpart, the Compliance report must contain the following:

i. The total operating time of the stationary RICE at which the deviation occurred during the reporting period.

ii. Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

d. You must report all deviations as defined in this subpart in the semiannual monitoring report required by 40CFR70.6 (a)(3)(iii)(A) or 40CFR71.6 (a)(3)(iii)(A). If an affected source submits a Compliance report pursuant to Table 7 of 40CFR63 Subpart ZZZZ along with, or as part of, the semiannual monitoring report required by 40CFR70.6 (a)(3)(iii)(A) or 40CFR71.6 (a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in this subpart, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements.

e. For each deviation from an emission or operating limitation occurring for a stationary RICE where you are using a CMS to comply with the emission and operating limitations in this subpart, you must include the following:

i. The date and time that each malfunction started and stopped.

ii. The date, time, and duration that each CMS was inoperative, except for zero (low-level) and high-level checks.

iii. The date, time, and duration that each CMS was out-of-control, including the information in 40CFR63.8 (c)(8).

iv. The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period.

v. A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.

vi. A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.

vii. A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period.

viii. An identification of each parameter and pollutant (CO or formaldehyde) that was monitored at the stationary RICE.

ix. A brief description of the stationary RICE.

x. A brief description of the CMS.

xi. The date of the latest CMS certification or audit.

xii. A description of any changes in CMS, processes, or controls since the last reporting period.

(9VAC5-80-110 and 40CFR63.6650)

Process Equipment Requirements - Woodworking Operations (Emission Units WOOD-NH31)

Limitations

48. Limitations - Particulate emissions caused by any woodworking operation (WOOD-NH31) shall not be discharged into the atmosphere without providing, as a minimum, for their collection, adequate duct work and properly designed collectors, or such other devices, as approved by the board.
(9VAC5-40-2270 A, 9VAC5-50-10 D, and 9VAC5-80-110)

49. Limitations - Particulate emissions from each woodworking operation (WOOD-NH31) shall not exceed 0.05 grains per standard cubic feet of exhaust gas.
(9VAC5-40-2270 B, 9VAC5-50-10 D, and 9VAC5-80-110)

50. Limitations - Visible emissions from each woodworking operation (WOOD-NH31) shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity, as determined by 40CFR60, Appendix A, Method 9. The opacity standard shall apply at all times except during periods of startup and shutdown, and as otherwise provided in an applicable standard.
(9VAC5-50-20 A.2, 9VAC5-50-20 A.3, 9VAC5-50-80, and 9VAC5-80-110)

Monitoring

51. Monitoring - An annual internal inspection shall be conducted at least once each 12 consecutive calendar months on each cyclone and/or baghouse for each woodworking facility (WOOD-NH31) by the permittee to ensure structural integrity. For units where there is no access to perform an internal inspection, external inspections are acceptable. Each cyclone and/or baghouse shall be maintained and operated according to the manufacturer's recommendations.
(9VAC5-80-110)

52. Monitoring - The permittee shall perform an annual (at least once each 12 consecutive calendar months) visual emissions observation for the exhaust at each woodworking facility (WOOD-NH31) during normal operations. If such visual observations indicate any visible emissions, the permittee shall take corrective action to correct the cause of the opacity. If such corrective actions fail to eliminate the visible emissions, the permittee shall conduct a visible emission evaluation (VEE) using 40CFR60, Appendix A, Method 9 for six minutes. If the six-minute VEE average exceeds 10%, the VEE shall continue for an additional 12 minutes. If any six-minute average during the 18 minutes exceeds 20%, the VEE shall continue for one hour from initiation to determine compliance with the opacity limit. Results of the observations/VEEs shall be recorded in an operation log. Records of observations shall include the following:

    a. The name of the observer,

    b. The date and time of the observation,

    c. An indication that the process was operating,

    d. An indication of the presence or absence of visible emissions, and

    e. Any corrective action taken to eliminate visible emissions, including the date and time the process was shut down and/or repairs were completed.

If a VEE is conducted, records shall be in accordance with 40CFR60, Appendix A, Method 9. The records shall be kept at the facility and made available for inspection by the DEQ for the most recent five-year period.
(9VAC5-80-110 E)

Recordkeeping

53. Recordkeeping - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. Annual inspection results of the cyclones and/or baghouses;

    b. Records of visual observations, visible emissions evaluations and any corrective action taken; and

    c. DEQ-approved, pollutant-specific emission factors and equations used to show compliance with the emission limits contained in Part A of this section of this permit.

    These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
    (9VAC5-80-110)

Process Equipment Requirements - Gasoline Operations (Emission Units GSTA-CA501 and GSTA-MCE224)

For the purpose of this section, "gasoline" means any petroleum distillate having a Reid vapor pressure of four pounds per square inch or greater. This includes E-85 dispensing operations.

Limitations

54. Limitations (GSTA-CA501 and GSTA-MCE224) - No owner or other person shall transfer or permit the transfer of gasoline from any tank truck into any stationary source storage tank unless such tank is equipped with a vapor control system (Stage I) that will remove, destroy or prevent the discharge into the atmosphere of at least 90% by weight of volatile organic compound emissions. Achievement of this emission standard shall be by a submerged fill pipe. Compliance with this condition shall be determined by Condition 57.
    (9VAC5-40-5220 E and 9VAC5-80-110)

55. Limitations (GSTA-CA501 and GSTA-MCE224) - At all times, including periods of startup, shutdown and malfunction, the gasoline pumps and any associated air pollution control equipment shall, to the extent practicable, be maintained and operated in a manner consistent with air pollution control practices for minimizing emissions.
    (9VAC5-50-20 E and 9VAC5-80-110)

56. Limitations (GSTA-CA501 and GSTA-MCE224) - At all times, the disposal of volatile organic compounds shall be accomplished by taking measures, to the extent practicable, consistent with air pollution control practices for minimizing emissions. Volatile organic compounds shall not be intentionally spilled, discarded in sewers which are not connected to a treatment plant, or stored in open containers or handled in any other manner that would result in evaporation beyond that consistent with air pollution control practices for minimizing emissions.
(9VAC5-50-20 F and 9VAC5-80-110)

Monitoring and Recordkeeping

57. Monitoring and Recordkeeping (GSTA-CA501 and GSTA-MCE224) - To ensure the Stage I connector on the tank is operating properly, the permittee shall do one of the following at least annually (once every 12 consecutive months):

    a. Observe a gasoline delivery to each station in GSTA-MCE224 and GSTA-MCE224 for the Stage I vapor recovery system usage; or

    b. Obtain documentation from delivery personnel that the Stage I connector was utilized.

    The observations or documentation shall be recorded, kept at the facility, and made available for inspection by the DEQ for the most recent five-year period.
    (9VAC5-80-110 E)

Degreasing Requirements - (Emission Units DEGS-GRP1)

The degreasing operations associated with this section of the permit consist of the following emission units:

Emission Unit ID	Emission Unit Description
DEGS-GRP1: DEGS-MCA604 DEGS-MCA612 DEGS-NH94	 Solvent parts washer Solvent parts washer Solvent parts washer

Limitations

58. Limitations (DEGS-GRP1) - Vapor control is required for each cold cleaner (Ref. No. DEGS-GRP1) to remove, destroy, or prevent the discharge into the atmosphere of at least 85% by weight of volatile organic compound emissions. Achievement of the 85% vapor control shall be done by the following:

    a. Covers or enclosed remote reservoirs;

    b. Drainage facilities to collect and return solvent to a closed container or a solvent cleaning machine;

c. A permanent label, summarizing the operating procedures in 9VAC5-40-3290.C(2)(a-c) on/near the cold cleaning unit(s); and

d. If used, the solvent spray shall be a solid, fluid stream (not a fine, atomized or shower type spray) and at a pressure which does not cause excessive splashing.

(9VAC5-40-3280 C(1) and C(2), 9VAC5-40-3290 (C) and (D), and 9VAC5-80-110)

59. Limitations (DEGS-GRP1) - The following operating procedures for the cold cleaning units (Ref. No. DEGS-GRP1) shall be followed:

a. Waste solvent shall not be disposed of or transferred to another party, such that greater than 20% of the waste (by weight) can evaporate to the atmosphere. Waste solvent shall, be stored in closed containers only.

b. The cold cleaning unit cover shall be closed whenever not handling parts in the cold cleaner.

c. Cleaned parts, shall drain for at least 15 seconds or until dripping ceases.

(9VAC5-40-3290 C (2)(a-c) and 9VAC5-80-110)

60. Limitations (DEGS-GRP1) - Disposal of waste solvent from the cold cleaning units (Ref. No. DEGS-GRP1) shall be done by one of the following:

a. Reclamation (either by outside services or in-house), or

b. Incineration.

(9VAC5-40-3290 D and 9VAC5-80-110)

Monitoring

61. Monitoring (DEGS-GRP1) - Each degreasing unit of DEGS-GRP1 will be inspected once per calendar year to ensure the label with the operating procedures is placed on or near each degreasing unit.
(9VAC5-40-3280 C (1) and C (2), 9VAC5-40-3290 C and D, and 9VAC5-80-110)

62. Monitoring (DEGS-GRP1) - Each degreasing unit of DEGS-GRP1 will be inspected once per calendar year to ensure that each has a cover or enclosed remote reservoir, and waste solvent from each unit is being stored in closed containers.
(9VAC5-40-3280 C (1) and C (2), 9VAC5-40-3290 C and D, and 9VAC5-80-110)

Recordkeeping

63. Recordkeeping (DEGS-GRP1) - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. Annual inspection results and any corrective actions taken; and

    b. Method(s) of waste solvent disposal.

    These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
    (9VAC5-50-50 and 9VAC5-80-110)

Testing

64. Testing (DEGS-GRP1) - Upon request by the DEQ, the permittee shall conduct additional performance tests to demonstrate compliance with the emission limits contained in this permit. The details of the tests shall be arranged with the DEQ.
    (9VAC5-80-110)

Facility Wide Conditions

Testing

65. Testing (Facility-Wide): The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the DEQ, test ports shall be provided at the appropriate locations. If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures approved by the DEQ.
    (9VAC5-80-110, 9VAC5-40-30, and 9VAC5-50-30)

Insignificant Emission Units

66. Insignificant Emission Units - The following emission units at the facility are identified in the application as insignificant emission units under 9VAC5-80-720:

Hot Water Boilers

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
BOIL-8100-10	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.5 MMBtu/hr
BOIL-8100-11	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.5 MMBtu/hr
BOIL-8100-12	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.5 MMBtu/hr
BOIL-8100-4	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.05 MMBtu/hr
BOIL-8100-5	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.05 MMBtu/hr
BOIL-8100-6	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.05 MMBtu/hr
BOIL-CA10-2	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.199 MMBtu/hr
BOIL-CA99	Natural gas-fired hot water boiler (installed 2/1/97)	9VAC5-80-720C	--	0.715 MMBtu/hr
BOIL-MCA602	Natural gas-fired hot water boiler (installed 3/2014)	9VAC5-80-720C	--	1.138 MMBtu/hr
BOIL-MCA603-3	Natural gas-fired hot water boiler (installed 3/2014)	9VAC5-80-720C	--	1.138 MMBtu/hr
BOIL-NH12-3	Natural gas-fired hot water boiler (installed 3/2014)	9VAC5-80-720C	--	0.292 MMBtu/hr
BOIL-NH141-1	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.485 MMBtu/hr
BOIL-NH142-1	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.485 MMBtu/hr
BOIL-NH156-1	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.485 MMBtu/hr
BOIL-NH30-3	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.52 MMBtu/hr
BOIL-NH32-1	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.5 MMBtu/hr
BOIL-SC407	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.937 MMBtu/hr
BOIL-SDA327-061	Natural gas-fired hot water boiler	9VAC5-80-720C	--	<0.4 MMBtu/hr
BOIL-NH7-1	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.8 MMBtu/hr

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
BOIL-SC1-6	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1 MMBtu/hr
BOIL-SC411-1	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.3999 MMBtu/hr
BOIL-SDA310-1	LPG-fired hot water boiler	9VAC5-80-720C	--	0.39999 MMBtu/hr
BOIL-SDA310-2	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.25 MMBtu/hr
BOIL-SDA310-3	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.25 MMBtu/hr
BOIL-SDA313-2	Natural gas-fired hot water boiler	9VAC5-80-720C	--	1.5 MMBtu/hr
BOIL-SDA334-002	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.12 MMBtu/hr
BOIL-SDA-344-2	Natural gas-fired hot water boiler	9VAC5-80-720C	--	0.1999 MMBtu/hr

Other Units

Emission Unit No.	Emission Unit Description	Citation	Pollutants Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
FIRI-MCA604-004	Indoor Firing Range	9VAC5-80-720 B	Lead, PM, PM10	N/A
PRNT-NH31	Printing Shop	9VAC5-80-720 B	PM, PM10, VOC, Xylenes	N/A

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9VAC5-80-110. (9VAC5-80-110)

Permit Shield & Inapplicable Requirements

67. Permit Shield & Inapplicable Requirements - Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

    None Identified

    Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by (i) the administrator pursuant to §114 of the federal Clean Air Act or (ii) the DEQ pursuant to §10.1-1307.3 or §10.1-1315 of the Virginia Air Pollution Control Law. (9VAC5-80-110 and 9VAC5-80-140)

General Conditions

68. Federal Enforceability - All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9VAC5-80-110)

69. Permit Expiration

    a. This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the DEQ consistent with the requirements of 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

    b. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.

    c. If an applicant submits a timely and complete application for an initial permit or renewal under 9VAC5-80-80 F, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9VAC5 Chapter 80, until the DEQ takes final action on the application under 9VAC5-80-150.

    d. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.

    e. If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the DEQ fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.

    f. The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application.

    (9VAC5-80-80, 9VAC5-80-110, and 9VAC5-80-170)

70. Recordkeeping and Reporting - All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

    a. The date, place as defined in the permit, and time of sampling or measurements;

    b. The date(s) analyses were performed;

    c. The company or entity that performed the analyses;

    d. The analytical techniques or methods used;

    e. The results of such analyses; and

    f. The operating conditions existing at the time of sampling or measurement.

    (9VAC5-80-110)

71. Recordkeeping and Reporting - Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
    (9VAC5-80-110)

72. Recordkeeping and Reporting - The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

    a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31; and

    b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:

        i. Exceedances of emissions limitations or operational restrictions;

        ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring or periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,

iii. Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semiannual reporting period."

(9VAC5-80-110)

73. Annual Compliance Certification - Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

a. The time period included in the certification. The time period to be addressed is January 1 to December 31;

b. The identification of each term or condition of the permit that is the basis of the certification;

c. The compliance status;

d. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance;

e. Consistent with subsection 9VAC5-80-110, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period;

f. Such other facts as the permit may require to determine the compliance status of the source; and

g. One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3_APD_Permits@epa.gov

(9VAC5-80-110)

74. Permit Deviation Reporting - The permittee shall notify the Tidewater Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semiannual compliance monitoring report pursuant to Condition 72 of this permit.
(9VAC5-80-110 F.2)

75. Failure/Malfunction Reporting - In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall no later than four daytime business hours after the malfunction is discovered, notify the Tidewater Regional Office such failure or malfunction and within 14 days provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Tidewater Regional Office.
(9VAC5-80-110 and 9VAC5-20-180)

76. General Conditions - Failure/Malfunction Reporting - The emission units that have continuous monitors subject to 9VAC5-40-50 C and 9VAC5-50-50 C are not subject to the 14-day written notification.
(9VAC5-20-80 and 9VAC5-50-50)

77. General Conditions - Failure/Malfunction Reporting - Each owner required to install a continuous monitoring system (CMS) or monitoring device subject to 9VAC5-40-41 or 9VAC5-50-410 shall submit a written report of excess emissions (as defined in the applicable subpart in 9VAC5-50-410) and either a monitoring systems performance report or a summary report form, or both, to the board semiannually. All semiannual reports shall be postmarked by the 30th day following the end of each calendar semiannual period (June 30th and January 30th). All reports shall include the following information:

    a. The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h) or 9VAC5-40-41 B.6, any conversion factors used, and the date and time of commencement and completion of each period of excess emissions;

    b. Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the source. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted;

    c. The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and

d. When no excess emissions have occurred or the continuous monitoring systems have not been inoperative, repaired or adjusted, such information shall be stated in the report.

All malfunctions of emission units not subject to 9VAC5-40-50 C and 9VAC5-50-50 C require written reports within 14 days of the discovery of the malfunction.
(9VAC5-80-110, 9VAC5-20-180 C, and 9VAC5-50-50)

78. Severability - The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9VAC5-80-110)

79. Duty to Comply - The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9VAC5-80-110)

80. Need to Halt or Reduce Activity not a Defense - It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9VAC5-80-110)

81. Permit Modification - A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9VAC5-80-110, 9VAC5-80-190, and 9VAC5-80-260)

82. Property Rights - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110)

83. Duty to Submit Information - The permittee shall furnish to the DEQ, within a reasonable time, any information that the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality.
(9VAC5-80-110)

84. Duty to Submit Information - Any document (including reports) required in a permit condition to be submitted to the DEQ shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.
(9VAC5-80-110)

85. Duty to Pay Permit Fees - The owner of any source for which a permit was issued under 9VAC5-80-50 through 9VAC5-80-300 shall pay annual emissions fees, as applicable, consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350 and annual maintenance fees, as applicable, consistent with the requirements of 9VAC5-80-2310 through 9VAC5-80-2350.
(9VAC5-80-110, 9VAC5-80-310 et seq., and 9VAC5-80-2310 et seq.)

86. Fugitive Dust Emission Standards - During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

    a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;

    b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;

    c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;

    d. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,

    e. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

    (9VAC5-80-110 and 9VAC5-40-90)

87. Startup, Shutdown, and Malfunction - At all times, including periods of startup, shutdown, and soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the DEQ, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9VAC5-80-110 and 9VAC5-40-20 E)

88. Alternative Operating Scenarios - Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9VAC5 Chapter 80, Article 1.
(9VAC5-80-110)

89. Inspection and Entry Requirements - The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

    a. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.

    b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.

    c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.

    d. Sample or monitor at reasonable times' substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

    (9VAC5-80-110)

90. Reopening for Cause - The permit shall be reopened by the DEQ if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9VAC5-80-80 F. The conditions for reopening a permit are as follows:

    a. The permit shall be reopened if the DEQ or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

    b. The permit shall be reopened if the administrator or the DEQ determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

    c. The permit shall not be reopened by the DEQ if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.

    (9VAC5-80-110)

91. Permit Availability - Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9VAC5-80-110 and 9VAC5-80-150)

92. Transfer of Permits

    a. No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.

    b. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the DEQ of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.

    c. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the DEQ of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.

    (9VAC5-80-110 and 9VAC5-80-160)

93. Permit Revocation or Termination for Cause - A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9VAC5 Chapter 80 Article 1. The DEQ may suspend, under such conditions and for such period of time as the DEQ may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.
(9VAC5-80-110, 9VAC5-80-190 C, and 9VAC5-80-260)

94. Duty to Supplement or Correct Application - Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9VAC5-80-110 and 9VAC5-80-80 E)

95. Stratospheric Ozone Protection - If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(9VAC5-80-110 and 40 CFR Part 82)

96. Asbestos Requirements - The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40CFR61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40CFR61.145), Standards for Insulating Materials (40CFR61.148), and Standards for Waste Disposal (40CFR61.150).
(9VAC5-60-70 and 9VAC5-80-110)

97. Accidental Release Prevention - If the permittee has more; or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(9VAC5-80-110 and 40 CFR Part 68)

98. Changes to Permits for Emissions Trading - No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9VAC5-80-110)

99. Emissions Trading - Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

    a. All terms and conditions required under 9VAC5-80-110, except subsection N, shall be included to determine compliance.

    b. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.

    c. The owner shall meet all applicable requirements including the requirements of 9VAC5-80-50 through 9VAC5-80-300.

    (9VAC5-80-110)