Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection
Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

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FINAL AIR QUALITY OPERATING PERMIT

Issued by the Massachusetts Department of Environmental Protection ("MassDEP" or "The Department") pursuant to its authority under M.G.L. c. 111, §142B and §142D, 310 CMR 7.00 et seq., and in accordance with the provisions of 310 CMR 7.00: Appendix C.

ISSUED TO ["the Permittee"]:

Boston University
120 Ashford Street
Boston, Massachusetts 02115

INFORMATION RELIED UPON:

Application No. MBR-96-OPP-001R
Transmittal No. X229432

FACILITY LOCATION:

Boston University
120 Ashford Street
Boston, Massachusetts 02115

FACILITY IDENTIFYING NUMBERS:

SSEIS ID No. 119-1578
FMF FAC No. 290695
FMF RO No. 290696

NATURE OF BUSINESS:

Private University

SIC CODE: 8221
NAICS : 611310

RESPONSIBLE OFFICIAL:

Name: Thomas Daley
Title: Associate Vice President of

Facilities, Management and Planning

FACILITY CONTACT PERSON:

Name: Stephen Monstur
Title: Associate Director of Environmental Management
Phone: 617-638-8832

This Operating Permit shall expire on October 10, 2017.

For the Department of Environmental Protection, Bureau of Waste Prevention

This final document copy is being provided to you electronically by the Department of Environmental Protection. A signed copy of this document is on file at the DEP office listed on the letterhead.

James E. Belsky
Permit Chief, Bureau of Waste Prevention

October 10, 2012
Date

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SPECIAL CONDITIONS FOR OPERATING PERMIT

1. PERMITTED ACTIVITIES

In accordance with the provisions of 310 CMR 7.00:Appendix C and applicable rules and regulations, the Permittee is authorized to operate air emission units as shown in Table 1 and exempt, and insignificant activities as described in 310 CMR 7.00:Appendix C(5)(h) and (i). The units described in Table 1 are subject to the terms and conditions shown in Sections 4, 5, and 6 and to other terms and conditions as specified in this Permit. Emissions from the exempt activities shall be included in the total facility emissions for the emission-based portion of the fee calculation described in 310 CMR 4.00 and this Permit.

DESCRIPTION OF FACILITY AND OPERATIONS

Boston University ("the Permittee") is a privately owned educational institution, established in 1869, that offers a variety of undergraduate, graduate, and professional programs through its 17 Schools and Colleges and more than 250 fields of study. This Operating Permit is for the Permittee's Charles River Campus ("the Campus") , and does not include the medical campus located approximately 2.5 miles southeast of the Charles River Campus. The Campus consists of hundreds of buildings including classrooms, dormitories, maintenance shops, gymnasiums and an arena.

The Permittee houses many combustion sources at the Campus, consisting of boilers and emergency engines. The largest boilers are located at 10 Buick Street, Boston. These are five identical 32.685 million British thermal units per hour (MMBtu/hr) Cleaver Brooks boilers that were installed in 1999 and are subject to Final Plan Approval MBR-99-COM-002 and also to 40 CFR Part 60, Subpart Dc. The Permittee's Central Heating Plant is located at 763 Commonwealth Avenue, Boston. The Central Heating Plant houses five identical Cleaver Brooks boilers with a heat input of 25.1 MMBtu/hr each. These boilers were installed in 1962 and are subject to 310 CMR 7.19: Reasonably Available Control Technology for Sources of Oxides of Nitrogen. Two identical Cleaver Brooks boilers with a heat input of 20.4 MMBtu/hr are located at 24 Cummington Street, Boston. These boilers were installed in 2003 under Final Approval MBR- 03-COM-014 and are also subject to 40 CFR Part 60, Subpart Dc. Three Cleaver Brooks boilers are located at 22 Babbitt Street (also known as 6-8 St. Mary's Street) Boston, each with a heat input of 14.7 MMBtu/hr. These boilers were installed in 1995 and are subject to Approval MBR-98-COM-007 and also to 40 CFR Part 60, Subpart Dc. All other boilers at Permittee's Charles River Campus are less than 10 MMBtu/hr, and some of these smaller boilers are subject to plan approvals issued by MassDEP. Additionally, there are approximately 140 boilers that are subject to Area Source Boiler MACT 40 CFR Part 63, Subpart JJJJJJ.

The Permittee also houses several emergency engines on Campus. The largest emergency engine is located at 22 Babbitt Street, Boston, with a heat input of 12.1 MMBtu/hr, capable of supplying 1500 kilowatts (kW) of power. The second largest emergency engine is located at 595 Commonwealth Avenue, Boston, with a heat input of 11.6 MMBtu/hr capable of supplying 1250 kW of power. Each of these engines is restricted to 200 hours of operation during any rolling 12-month period, and is subject to the requirements contained in Final Approval MBR-98-COM-007. All other emergency engines have a heat input of less than 10 MMBtu/hr and are subject to the requirements in 310 CMR 7.02(8)(i), 310 CMR 7.03(10), or 310 CMR 7.26(42). Also as an area source of Hazardous Air Pollutants (HAPs), Emission Unit Nos. EU 1325 (located at Harry Agganis Way, Boston) and EU 1326 (located at 871 Commonwealth Avenue, Boston) are subject to federal regulations at 40 CFR Part 63 Subpart ZZZZ, "National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines." Emission Unit Nos. EU 1325 and EU 1326 must meet the requirements of 40 CFR Part 63 Subpart ZZZZ by meeting the requirements of 40 CFR Part 60, Subpart IIII, "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines."

The Permittee also houses non-combustion sources at the Campus. These sources consist of four parts washers and one woodworking shop. The four parts washers are subject to 310 CMR 7.03(8) and 310 CMR 7.18(8). None of the parts washers at the Campus are using halogenated solvents. The woodworking shop (EU 1324) has a baghouse to control particulate matter generated from the shop's operation. This baghouse was installed under and is subject to Final Approval MBR-87-IND-131. 40 CFR Part 64, "Compliance Assurance Monitoring" (CAM) is applicable to this facility. Therefore, a CAM plan has been developed for the baghouse for this emission unit. The requirements of the CAM plan are included in Table 4, 5, and 6 of this Operating Permit.

The Permittee's facility-wide HAPs emissions are below the major thresholds for any individual HAP of 10 tons per year and any combination of HAPs of 25 tons per year.

Tables 3, 4, 5, 6, and 8 of this Operating Permit contain the Air Quality requirements and regulations to which the Permittee is subject. Table 7 of this Operating Permit contains Air Quality requirements to which the Permittee is not subject as well as the reasoning utilized in determining the non-applicability status.

2. EMISSION UNIT IDENTIFICATION

The following emission units (Table 1) are subject to and regulated by this Operating Permit:

Table 1			
EU#	**DESCRIPTION OF EMISSION UNIT**	**EU DESIGN CAPACITY**	**POLLUTION CONTROL DEVICE**
EU4	Cleaver Brooks Boiler at 763 Commonwealth Avenue (Central Heating Plant)	25.1 MMBtu per hour	None
EU5	Cleaver Brooks Boiler at 763 Commonwealth Avenue (Central Heating Plant)	25.1 MMBtu per hour	
EU6	Cleaver Brooks Boiler at 763 Commonwealth Avenue (Central Heating Plant)	25.1 MMBtu per hour	
EU7	Cleaver Brooks Boiler at 763 Commonwealth Avenue (Central Heating Plant)	25.1 MMBtu per hour	
EU8	Cleaver Brooks Boiler at 763 Commonwealth Avenue (Central Heating Plant)	25.1 MMBtu per hour	
EU11	Cleaver Brooks Boiler at 22 Babbit Street and 6-8 St. Mary's Street (Photonics Building)	14.7 MMBtu per hour	
EU12	Cleaver Brooks Boiler at 22 Babbit Street and 6-8 St. Mary's Street (Photonics Building)	14.7 MMBtu per hour	
EU13	Cleaver Brooks Boiler at 22 Babbit Street and 6-8 St. Mary's Street (Photonics Building)	14.7 MMBtu per hour	
EU14	Caterpillar Emergency Engine at 22 Babbit Street and 6-8 St. Mary's Street (Photonics Building)	12.1 MMBtu per hour (1500 kW)	
EU15	Cummins Emergency Engine at 595/599 Commonwealth Avenue (School of Management Building - SMG)	11.6 MMBtu per hour (1250 kW)	
EU17	Cleaver Brooks Boiler at 10 Buick Street (Student Village I)	32.6585 MMBtu per hour	
EU18	Cleaver Brooks Boiler at 10 Buick Street (Student Village I)	32.6585 MMBtu per hour	
EU19	Cleaver Brooks Boiler at 10 Buick Street (Student Village I)	32.6585 MMBtu per hour	
EU20	Cleaver Brooks Boiler at 10 Buick Street (Student Village I)	32.6585 MMBtu per hour	
EU21	Cleaver Brooks Boiler at 10 Buick Street (Student Village I)	32.6585 MMBtu per hour	
EU 22	Cleaver Brooks Boiler at 24 Cummington Street (Life Science and Engineering Building)	20.412 MMBtu/hr	
EU 23	Cleaver Brooks Boiler at 24 Cummington Street (Life Science and Engineering Building)	20. 412 MMBtu/hr	
EU1007	Weil McLain Boiler at 300 Babcock Street (Athletic Offices) installed in 2007	4.113 MMBtu per hour	
EU1027	Weil McLain boiler at 91 Bay State Road "Sheldon Hall" installed June 2004.	4.763 MMBtu per hour	

Table 1			
EU#	**DESCRIPTION OF EMISSION UNIT**	**EU DESIGN CAPACITY**	**POLLUTION CONTROL DEVICE**
EU1028	Weil McLain boiler at 91 Bay State Road "Sheldon Hall" installed June 2004	4.763 MMBtu per hour	None
EU1047	Easco Boiler at 140 Bay State Road (the Towers) new boiler installed in 2002	9.8 MMBtu per hour	
EU1048	Easco Boiler at 140 Bay State Road (the Towers) new boiler installed in 2002	9.8 MMBtu per hour	
EU1114	Weil McClain Boiler at 512 Beacon Street (Danielsen Hall Dormitory) installed in 2009	3.392 MMBtu per hour	
EU1115	Weil McClain Boiler at 512 Beacon Street (Danielsen Hall Dormitory) installed in 2009	3.392 MMBtu per hour	
EU1120	Easco Boiler at 610 Beacon Street or 30 Bay State Road, (Miles Standish Hall Dormitory) installed in 2007, new burner in 2009	8.862 MMBtu per hour	
EU1121	Weil McClain Boiler at 610 Beacon Street or 30 Bay State Road, (Miles Standish Hall Dormitory) new burner in 2009	8.862 MMBtu per hour	
EU1122	Easco Boiler at 610 Beacon Street or 30 Bay State Road, (Miles Standish Hall Dormitory) installed in 2007, new burner in 2009	5.024 MMBtu per hour	
EU1129	Cleaver Brooks Boiler at 712 Beacon Street – gas fired burners installed in 2011	5.23 MMBtu per hour	
EU1130	Cleaver Brooks Boiler at 712 Beacon Street - gas fired burners installed in 2011	5.23 MMBtu per hour	
EU1168	Weil McLain Boiler at 14 Buswell Street installed 1998	3.392 MMBtu per hour	
EU1178	Cleaver Brooks Boiler at 40 Buswell Street (Serving 40-48 Buswell Street Buildings) gas fired burners installed in 2011	5.23 MMBtu per hour	
EU1198	Boiler at 565/575 Commonwealth Avenue (the former Howard Johnsons) installed in the 1960s gas fired burners installed in 2011	3.262 MMBtu per hour	
EU1199	Boiler at 565/575 Commonwealth Avenue (the former Howard Johnsons) installed in the 1960s gas fired burners installed in 2011	3.262 MMBtu per hour	
EU1201	Cleaver Brooks Model FLX-700-700-160HW Boiler at 590 Commonwealth Avenue	7.0 MMBtu per hour	
EU1202	Cleaver Brooks Model FLX-700-700-160HW Boiler at 590 Commonwealth Avenue	7.0 MMBtu per hour	
EU1203	Cleaver Brooks Model FLX-700-700-160HW Boiler at 590 Commonwealth Avenue	7.0 MMBtu per hour	
EU1206	DeDeitrich #530-23 Boiler installed October 2010 at 595/599 Commonwealth Avenue (School of Management -SMG)	5.5 MMBtu per hour	
EU1207	DeDeitrich #530-23 Boiler installed October 2010 at 595/599 Commonwealth Avenue (School of Management -SMG)	5.5 MMBtu per hour	

Table 1			
EU#	**DESCRIPTION OF EMISSION UNIT**	**EU DESIGN CAPACITY**	**POLLUTION CONTROL DEVICE**
EU1208	DeDeitrich #530-23 Boiler installed October 2010 at 595/599 Commonwealth Avenue (School of Management -SMG)	5.5 MMBtu per hour	None
EU1216	Weil McLain Boiler at 640 Commonwealth Avenue (replaced burners only in 2009)	6.856 MMBtu per hour	
EU1218	Weil McLain Boiler at 640 Commonwealth Avenue (replaced burners only in 2009)	6.856 MMBtu per hour	
EU1221	Cleaver Brooks Boiler at 700 Commonwealth Avenue (Warren Towers)	8.369 MMBtu per hour	
EU1228	Weil McLain Boiler at 726 Commonwealth Avenue	6.3 MMBtu per hour	
EU1229	Weil McLain Boiler at 730 Commonwealth Avenue (replaced burners only in 2009)	6.134 MMBtu per hour	
EU1230	Weil McLain Boiler at 730 Commonwealth Avenue (replaced burners only in 2009)	6.134 MMBtu per hour	
EU1235	Weil McLain Boiler at 785 Commonwealth Avenue or 1 University Avenue (BU Academy) gas fired burners installed 2011	5.773 MMBtu per hour	
EU1237	Weil McLain Boiler at 808 Commonwealth Avenue (Peter Fuller Building) gas fired burners installed 2011	5.124 MMBtu per hour	
EU1238	Weil McLain Boiler at 808 Commonwealth Avenue (Peter Fuller Building) gas fired burners installed 2011	5.124 MMBtu per hour	
EU1247	Weil McLain Boiler at 2 Cummington Street	3.753 MMBtu per hour	
EU1248	Weil McLain Boiler at 2 Cummington Street	3.753 MMBtu per hour	
EU1262	Weil McLain Boiler at 11/19 Deerfield Street Research Building	4.113 MMBtu per hour	
EU1283	Weil McLain Boiler at 514-522 Park Drive	3.103 MMBtu per hour	
EU1299	Cummins Emergency Engine model number KTA-1150-G at 590 Commonwealth Avenue (also 718 Beacon Street)	3.5 MMBtu per hour	
EU1312	Caterpillar Emergency Engine at 3/5 Cummington Street	4.5 MMBtu per hour	
EU1313	Cummins Emergency Engine at 44 Cummington Street	3.0 MMBtu per hour	
EU1314	Caterpillar Emergency Engine at 10 Buick Street	7.7 MMBtu per hour	
EU1315	Caterpillar Emergency Engine at 24 Cummington Street (Life Science and Engineering Building)	9.8 MMBtu per hour	
EU1316	Caterpillar Emergency Engine at 24 Cummington Street (Life Science and Engineering Building)	9.8 MMBtu per hour	
EU1317	Caterpillar Emergency Engine at 925 Commonwealth Avenue (Harry Agganis Arena)	8.3 MMBtu per hour	
EU1318	Caterpillar Emergency Engine at 925 Commonwealth Avenue (Harry Agganis Arena)	8.3 MMBtu per hour	
EU1319	Caterpillar Emergency Engine at 925 Commonwealth Avenue (Harry Agganis Arena)	8.3 MMBtu per hour	

Table 1			
EU#	**DESCRIPTION OF EMISSION UNIT**	**EU DESIGN CAPACITY**	**POLLUTION CONTROL DEVICE**
EU1320	Caterpillar emergency engine at 580 Commonwealth Avenue (Graduate Housing)	4 MMBtu per hour	None
EU 1321	Cintas Parts Washer 120 Ashford Street (vehicle maintenance)	NA	
EU 1322	Cintas Parts Washer 42 Buswell Street	NA	
EU1323	Cintas Parts Washer 763 Commonwealth Ave (Central Heating Plant)	NA	
EU1324	Woodworking shop 120 Ashford St	Flow rate 4500 scfm	Baghouse
EU1325	900 kW Emergency Engine at 33 Harry Agganis Way (Student Village II)	9 MMBtu/hr	None
EU1326	300 kW Emergency Engine at 871 Commonwealth Avenue	3 MMBtu/hr	
EU 1327	Cintas Parts Washer 712 Beacon Street	NA	
Group A	existing boilers < 10 MMBtu/hr subject to 40 CFR Part 63 Subpart JJJJJJ at various locations (see attached spreadsheet)	various	
Group B	new boilers installed between June 4, 2010 and May 20, 2011 < 10 MMBtu/hr subject to 40 CFR Part 63 Subpart JJJJJJ at various locations (see attached spreadsheet)	various	
Group C	new boilers installed after May 20, 2011 < 10 MMBtu/hr subject to 40 CFR Part 63 Subpart JJJJJJ at various locations (see attached spreadsheet)	various	

Legend to Abbreviated Terms within Table 1:

EU# = Emission Unit Number
kW = kilowatts
MMBTU = million British thermal units
/hr = per hour
scfm =standard cubic feet per minute
NA = not applicable
kW = kilowatt

3. IDENTIFICATION OF EXEMPT ACTIVITIES

The following are considered exempt activities in accordance with the criteria contained in 310 CMR 7.00: Appendix C(5)(h):

Table 2

Description of Current Exempt Activities	Reason
The list of current exempt activities is contained in the Operating Permit application and shall be updated by the Permittee to reflect changes at the facility over the Permit term. An up-to-date copy of exempt activities list shall be kept on-site at the facility and a copy shall be submitted to the MassDEP's Regional Office. Emissions from these activities shall be reported on the annual emissions statement pursuant to 310 CMR 7.12.	310 CMR 7.00:Appendix C(5)(h)

4. APPLICABLE REQUIREMENTS

A. EMISSION LIMITS AND RESTRICTIONS

The Permittee is subject to the emission limits/restrictions as contained in Table 3 below:

Table 3

EU#	FUEL	RESTRICTION	POLLUTANT	EMISSION LIMIT/STANDARD	APPLICABLE REGULATION AND/OR APPROVAL NO.
EU4, EU5, EU6, EU7, EU8	Natural Gas and Ultra Low Sulfur Diesel	NA	NOx^1	Optimum values as determined by performance of adjustments & tune ups as required in 310 CMR 7.19(6)	310 CMR 7.19(6)
			CO^1		
			PM	$\leq$ 0.12 lb/MMBtu	310 CMR 7.02(8)(d)
			S in Fuel	$\leq$ 0.28 lb/MMBtu	310 CMR 7.05(1)(a)1.
		NA	HAPs	As required in § 63.11205, at all times 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.	40 CFR Part 63, Subpart JJJJJJ

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
EU4, EU5, EU6, EU7, EU8	Natural Gas and ULSD	NA	HAPs	As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7)	40 CFR Part 63, Subpart JJJJJJ
			HAPs	As required in § 63.11201 and Table 2 to Subpart JJJJJJ, conduct an energy assessment audit	40 CFR Part 63, Subpart JJJJJJ Compliance date: March 21, 2014
EU11, EU12, EU13	Primary: Natural Gas	NA	NOx^1	$\leq$ 0.0350 lb/MMBtu	MBR-98-COM-007 40 CFR Part 60 Subpart Dc
			PM	$\leq$ 0.010 lb/MMBtu	
			SO_2	$\leq$ 0.0006 lb/MMBtu	
	Secondary: Transportation diesel fuel oil $\leq$ 0.05% S by weight	Fuel flow to all units restricted to the equivalent of two boilers firing at their maximum rate (29.4 MMBTU/hr) $\leq$ 138,600 gallons per rolling 12-month period for all units combined	NOx^1	$\leq$ 0.150 lb/MMBtu	
			PM	$\leq$ 0.024 lb/MMBtu	
			SO_2	$\leq$ 0.052 lb/MMBtu	
	Both Fuels	As Denoted Above	CO^1	$\leq$ 0.080 lb/MMBtu	
			VOC	$\leq$ 0.030 lb/MMBtu	
			PM	$\leq$ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
			HAPs	As required in § 63.11205, at all times 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.	40 CFR Part 63, Subpart JJJJJJ

Table 3

EU#	FUEL	RESTRICTION	POLLUTANT	EMISSION LIMIT/STANDARD	APPLICABLE REGULATION AND/OR APPROVAL NO.
EU11, EU12, EU13	Both Fuels	As Denoted Above	HAPs	As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7)	40 CFR Part 63, Subpart JJJJJJ
				As required in § 63.11201 and Table 2 to Subpart JJJJJJ, conduct an energy assessment audit	40 CFR Part 63, Subpart JJJJJJ Compliance date: March 21, 2014
EU14, EU15	ULSD	≤ 200 hours per rolling 12-month period for each unit, only operate during emergency or testing/maintenance[2]			MBR-98-COM-007
			Sulfur in Fuel	< 0.0015% by weight	Requested in Operating Permit Application Renewal, Transmittal #X229432
EU11, EU12, EU13, EU14, EU15, EU1206, EU1207, EU1208	All Fuels	All Restrictions	NOx	Combined: 10.2 tons per month and 14.25 tons per rolling 12-month period	MBR-98-COM-007
EU17, EU18, EU19, EU20, EU21	Primary: Natural Gas	NA	NOx^1	≤ 0.0350 lb/MMBtu	MBR-99-COM-002 40 CFR Part 60 Subpart Dc
			PM	≤ 0.010 lb/MMBtu	
			SO_2	≤ 0.0006 lb/MMBtu	
	Secondary: No. 2 Fuel Oil ≤ 0.05% S by weight	≤ 788,985 gallons per rolling 12-month period for all units combined	NOx^1	≤ 0.150 lb/MMBtu	
			PM	≤ 0.024 lb/MMBtu	
			SO_2	≤ 0.052 lb/MMBtu	
	Both Fuels	As Denoted Above	CO^1	≤ 0.080 lb/MMBtu	
			VOC	≤ 0.030 lb/MMBtu	
			NOx	Combined: 8.6 tons per month and 19.7 tons per rolling 12-month period	
			Opacity	≤ 20%, except > 20% to ≤ 27% for ≤ 6 minutes during any one hour[3]	40 CFR 60.43c(c)
			PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
EU17, EU18, EU19, EU20, EU21	Both Fuels	As Denoted Above	HAPs	As required in § 63.11205, at all times 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.	40 CFR Part 63, Subpart JJJJJJ
				As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7)	40 CFR Part 63, Subpart JJJJJJ
				As required in § 63.11201 and Table 2 to Subpart JJJJJJ, conduct an energy assessment audit	40 CFR Part 63, Subpart JJJJJJ Compliance date: March 21, 2014
EU 22, EU 23	Primary: Natural Gas	366.5 million cubic feet per twelve month rolling period when firing only natural gas. When firing maximum permitted fuel oil, restrict natural gas to a maximum of 234.7 million cubic feet per twelve month rolling	NA	NA	MBR-03-COM-014
	Secondary: No. 2 Fuel oil	215,200 gallons per twelve month rolling period	Sulfur in Fuel	≤ 0.05 % by weight	MBR-03-COM-014
			Sulfur in Fuel	≤ 0.5 % by weight	40 CFR 60.42c(d)
			SO_2	0.50 lb/MMBtu	40 CFR 60.42c(d)
	All Fuels	Maximum amount of natural gas that can be burned at varying fuel oil usage rates[4]	NOx	<6.93 tons per rolling 12 month period	MBR-03-COM-014
			Opacity	No visible emissions during normal operations	
		N/A	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
EU 22, EU 23	All Fuels	As Denoted Above	HAPs	As required in § 63.11205, at all times 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.	40 CFR Part 63, Subpart JJJJJJ
				As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7)	40 CFR Part 63, Subpart JJJJJJ
				As required in § 63.11201 and Table 2 to Subpart JJJJJJ, conduct an energy assessment audit	40 CFR Part 63, Subpart JJJJJJ Compliance date: March 21, 2014
EU1007	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1027, EU1028	No. 2 fuel oil	NA	Sulfur	≤0.3% by weight	310 CMR 7.05(1)(a)2.
			PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1047, EU1048	Primary: Natural Gas	NA	NA	NA	NA
	Secondary: No. 2 Fuel Oil ≤ 0.3% S by weight		S in Fuel	≤ 0.17 lb/MMBTU	310 CMR 7.05(1)(a)2.
	Both Fuels		PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU 1114, EU 1115	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1120, EU1121, EU 1122	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h) MBR-95-COM-051 [5] Requested in Operating Permit Application Renewal Transmittal No. X229432

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
EU1129, EU1130	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h) & MBR-84-COM-027[6] & MBR-95-COM-044[6] Requested in Operating Permit Application Renewal Transmittal No. X229432
EU1168	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h).
EU 1178	Natural Gas	NA	PM	≤ 0.12 lb/MMBtu	MBR-95-COM-048[6] & 310 CMR 7.02(8)(d) Requested in Operating Permit Application Renewal Transmittal No. X229432
EU1198, EU1199	Natural Gas	NA	PM	≤ 0.12 lb/MMBtu	310 CMR 7.02(8)(d)
EU1201, EU1202, EU1203	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1205	Primary: No. 2 Fuel Oil ≤ 0.3% S by weight	NA	S in Fuel	≤ 0.17 lb/MMBtu	310 CMR 7.05(1)(a)2.
	Secondary: Natural Gas		NA	NA	NA
	Both Fuels		PM	≤ 0.12 lb/MMBtu	310 CMR 7.02(8)(d)
EU1206, EU1207, EU1208	Primary: Natural Gas	NA	NA	NA	MBR-98-COM-007
	Secondary: Transportation diesel fuel oil ≤ 0.05% S by weight	≤ 51,860 gallons per rolling 12-month period for all units combined	S in Fuel	≤ 0.05% S by weight	MBR-98-COM-007
	Both Fuels	≤ 51,860 gallons per rolling 12-month period for all units combined	PM	≤ 0.10 lb/MMBTU	310 CMR 7.02(8)(h)

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
EU1216, EU1218	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	MBR-95-COM-053[6] & 310 CMR 7.02(8)(h) Requested in Operating Permit Application Renewal Transmittal No. X229432
EU1221	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	MBR-95-COM-053
EU1228	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	MBR-95-COM-042[5] Requested in Operating Permit Application Renewal Transmittal No. X229432 310 CMR 7.02(8)(h)
EU1229, EU1230	No. 2 Fuel Oil ≤ 0.3% S by weight	NA	S in Fuel	≤ 0.17 lb/MMBtu	310 CMR 7.05(1)(a)2. & MBR-95-COM-042
			PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
	Natural Gas		PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1235	Natural Gas	N/A	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1237, EU1238	Natural Gas	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1240, EU1241	No. 2 Fuel Oil ≤ 0.3% S by weight	NA	PM	≤ 0.12 lb/MMBtu	310 CMR 7.02(8)(d)
			S in Fuel	≤ 0.17 lb/MMBtu	310 CMR 7.05(1)(a)2.
EU1247 EU1248	Natural Gas only	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
EU1262	Natural Gas	NA	PM	≤ 0.12 lb/MMBtu	310 CMR 7.02(8)(d)
EU1283	Natural Gas only	NA	PM	≤ 0.10 lb/MMBtu	310 CMR 7.02(8)(h)
			S in Fuel	≤ 0.3% S by weight	MBR-95-COM-048[6]
EU 1299 EU1313	ULSD	≤ 300 hours per rolling 12-month period, only operate during emergency or testing/maintenance	NA	NA	310 CMR 7.02(8)(i)2
			Sulfur in Fuel	≤ 0.0015% by weight	310 CMR 7.02(8)(i)5., 310 CMR 7.05(1)(a)3.

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
EU1312, EU1314	ULSD	< 300 hours per rolling 12-month period, only operate during emergency or testing/maintenance	N/A	N/A	310 CMR 7.03(10)
			Sulfur in Fuel	< 0.0015% by weight	310 CMR 7.03(10)(b), 310 CMR 7.05(1)(a)3.
EU1315, EU1316, EU1317, EU1318, EU1319, EU1320,	ULSD	≤ 200 hours per rolling 12-month period, only operate during emergency or testing/maintenance	NA	NA	310 CMR 7.03(10) and Restriction requested in Operating Permit Application Renewal, Transmittal #X229432
			Sulfur in Fuel	≤ 0.0015% by weight	310 CMR 7.03(10)(b), 310 CMR 7.05(1)(a)3.
EU 1325, EU 1326	ULSD	≤ 300 hours per rolling 12-month period, only operate during emergency or testing/maintenance	Sulfur in Fuel	≤ 0.0015% by weight	310 CMR 7.26(42)(c), 310 CMR 7.05(1)(a)3.
			N/A	Operational requirements[7]	310 CMR 7.26(42)(d)
			Sulfur content in fuel	15 ppm	40 CFR 60.4207(b)
		Maintenance checks and readiness testing limited to 100 hours per year.	N/A	N/A	40 CFR 60.4211(f)
EU 1321, EU 1322, EU 1323, EU1327	Non-halogenated solvent	NA	VOC	Each parts cleaner/degreaser shall use less than 100 gallons of solvent per month	310 CMR 7.03(8) 310 CMR 7.18(8)(a)
				Vapor pressure cannot exceed 1.0 mm Hg measured at 20°C	310 CMR 7.18(8)(a)1.
				Work practices See Table 3 Notes, item number 8 below	310 CMR 7.18(8)(a)2 310 CMR 7.18(8)(a)3. 310 CMR 7.18(8)(e) 310 CMR 7.18(8)(f)
EU 1324	NA	Pre-control potential to emit less than 100 tons PM	PM	Collection efficiency of 99 percent for particulate ≥ 1 micron	MBR-87-IND-131 and Restriction requested in Operating Permit Application Renewal, Transmittal #X229432
				≤ 1.9 lbs/hr	

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
Group A	Oil	NA	All	Conduct a tune-up of the boiler biennially as specified in section 63.11223 [9, 10] The first biennial tune-up by March 21,2012. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.	40 CFR 63.11201(b)
			HAPs	As required in § 63.11205, at all times 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.	40 CFR Part 63, Subpart JJJJJJ
Group B	Oil	N/A	All	Conduct a tune-up of the boiler biennially as specified in section 63.11223 [9, 10] The first biennial tune-up conducted by May 20, 2011. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.	40 CFR 63.11201(b)
Group C	Oil	N/A	All	Conduct a tune-up of the boiler biennially as specified in section 63.11223 [9, 10] The first biennial tune-up conducted upon start-up. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.	40 CFR 63.11201(b)
Facility-wide	Fuel & Non-fuel	N/A	Greenhouse Gas[11]	N/A	310 CMR 7.71 (state only)
	N/A	N/A	Single HAP	< 5.0 tons per month and < 9.0 tons per twelve month rolling period	Operating Permit Renewal Application Transmittal No. X229432
	N/A	N/A	Total HAPs	< 15.0 tons per month and < 24.0 tons per twelve month rolling period	
	All Fuels	All Restrictions	Smoke	< No. 1 of Chart [12], except No. 1 to < No. 2 of Chart for ≤ 6 minutes during any one hour	310 CMR 7.06(1)(a)

Table 3					
EU#	**FUEL**	**RESTRICTION**	**POLLUTANT**	**EMISSION LIMIT/STANDARD**	**APPLICABLE REGULATION AND/OR APPROVAL NO.**
Facility-wide	All Fuels	All Restrictions	Opacity	< 20%, except 20% to < 40% for ≤ 2 minutes during any one hour	310 CMR 7.06(1)(b)

Legend to Abbreviated Terms within Table 3:

EU#	= Emission Unit Number	No.	= Number
lb/MMBtu	= Pounds per million British thermal units	%	= Percent
<	= Less than	≤	= Less than or equal to
>	= greater than	≥	= greater than or equal to
NO_x	= Nitrogen Oxides	PM	= Particulate Matter
CO	= Carbon Monoxide	VOC	= Volatile Organic Compounds
CO_2	= Carbon Dioxide	S	= Sulfur
SO_2	= Sulfur Dioxide	NA	= Not Applicable
dscf	= Dry Standard Cubic Foot	C	= Celsius
mm Hg	= millimeter of mercury	ULSD	= Ultra Low Sulfur Diesel
HC	= hydrocarbon	NMHC	= nonmethane hydrocarbon
HAPs	= Hazardous Air Pollutants	lb/hr	= pounds per hour
°C	= degrees Celsius	g/kW-hr	= gram per kilowatt hour

Table 3 Notes:

1 Compliance with emission limit(s)/standard(s) shall be based on a one-hour averaging time.

2 In accordance with Approval MBR-98-COM-007, these units shall be operated only during emergencies. Emergency means an electric power outage due to failure of the grid, in whole or in part, on-site disaster, local equipment failure, flood, fire, or natural disaster. Emergency shall also mean when the imminent threat of a power outage is likely due to failure of the electrical supply or when capacity deficiencies result in a deviation of voltage from the electrical supplier to the premises of 3% above or 5% below standard voltage, or periods during which the regional transmission organization directs the implementation of voltage reductions, voluntary load curtailments by customers, or automatic or manual load shedding within Massachusetts in response to unusually low frequency, equipment overload, capacity or energy deficiency, unacceptable voltage levels, or other such emergency conditions.

3 In accordance with 40 CFR 60.43c(d), Opacity standard applies at all times except during periods of startup, shutdown, or malfunction.

4 The following equation shall be used to determine the maximum amount of natural gas that can be burned at varying fuel oil usage rates:

$$\frac{(NG_{annual}) \times 36}{2000} + \frac{(FO_{annual}) \times 26.2}{2000} < 6.93 \text{ tp12mrp NOx}$$

Where: NG_{annual} = annual use of natural gas in subject boilers in millions of cubic feet.

FO_{annual} = annual use of 0.05 percent sulfur fuel oil in thousands of gallons

tp12mrp = tons per twelve month rolling period

5 The facility has switched the fuel from No. 4 fuel oil to combusting only natural gas in this Emission Unit.

6 The facility has switched the fuel from No. 2 fuel oil to combusting only natural gas in this Emission Unit.

7 Operational limits include the following: 1. The engine shall not be operated more than 300 hours during any rolling 12-month period. This operating restriction includes normal maintenance and testing procedures as recommended by the manufacturer. A non-turnback hour counter shall be installed, operated and maintained in good working order on each unit. 2. The engine shall be operated and maintained in accordance with the manufacturer's recommended operating and maintenance procedures. 3. Engines and associated equipment shall be constructed, located, operated and maintained in a manner to comply with the requirements of 310 CMR 7.10: Noise (state only requirement).

8 In accordance with 310 CMR 7.18(8)(a)2., any leaks shall be repaired immediately, or the degreaser shall be shut down.

In accordance with 310 CMR 7.18(8)(a)3., the following requirements shall apply unless the cold cleaning degreaser is a sink-like work area with a remote solvent reservoir with an open drain area less than 100 square centimeters:

a. Each cold cleaning degreaser is equipped with a cover that is designed to be easily operated with one hand;
b. Each cold cleaning degreaser is equipped to drain clean parts so that, while draining, the cleaned parts are enclosed for 15 seconds or until dripping ceases, whichever is longer;
c. each cold cleaning degreaser is designed with:
i. a freeboard ratio of 0.75 or greater; or
ii. a water blanket (only if the solvent used is insoluble in and heavier than water); or
iii. an equivalent system of air pollution control which has been approved by the Department and EPA;
d. The covers of each cold cleaning degreaser are closed whenever parts are not being handled in the degreaser, or when the degreaser is not in use; and
e. The drafts across the top of each cold cleaning degreaser are minimized such that when the cover is open the degreaser is not exposed to drafts greater than 40 meters per minute (1.5 miles per hour), as measured between one and two meters upwind at the same elevation as the tank lip.

In accordance with 310 CMR 7.18(8)(e), on or after December 31, 1980 any person subject to 310 CMR 7.18(8)(a), (b), (c), or (d) shall operate any solvent metal degreaser using procedures which minimize evaporative emissions and prohibit spills from the use of said degreaser. Such procedures include but are not limited to:

1. Notification to operators of the performance requirements that must be practiced in the operation of the degreaser, including the permanent and conspicuous posting of labels in the vicinity of the degreaser detailing performance requirements; and
2. Storage of waste degreasing solvent in closed containers, and disposal or transfer of waste degreasing solvent to another party, in a manner such that less than 20% of the waste degreasing solvent by weight can evaporate into the atmosphere; and
3. Where applicable, supplying a degreasing solvent spray which is a continuous fluid stream (not a fine, atomized or shower type spray) at a pressure which does not exceed ten pounds per square inch as measured at the pump outlet, and use any such spray within the confines of the degreaser.

In accordance with 310 CMR 7.18(8)(f), any person subject to 310 CMR 7.18(8)(a), (b), (c), or (d) shall maintain instantaneous and continuous compliance at all times.

9 40 CFR 63.11223(b) states: You must conduct a tune-up of the boiler biennially to demonstrate continuous compliance as specified in paragraphs (b)(1) through (5) and (7) of this section.

(1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, but you must inspect each burner at least once every 36 months).

(2) 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.

(3)Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.

(4) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.

(5) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurement may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).

(7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within one week of startup.

10 In accordance with 40 CFR 63.11205(a), you must operate and maintain any affected source at all times, 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 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.

11 Greenhouse Gas means any chemical or physical substance that is emitted into the air and that the department may reasonably anticipate will cause or contribute to climate change including, but not limited to, CO_2, CH_4, N_2O, SF_6, hydrofluorocarbons (HFCs), and perfluorocarbons(PFCs)

12 Chart means the Ringelmann Scale for grading the density of smoke, as published by the United States Bureau of Mines and as referred to in the Bureau of Mines Information Circular No. 8333, or any smoke inspection guide approved by the Department.

B. COMPLIANCE DEMONSTRATION

The Permittee is subject to the monitoring/testing, record keeping, and reporting requirements as contained in Tables 4, 5, and 6 below and 310 CMR 7.00: Appendix C(9) and (10), as well as the applicable requirements contained in Table 3:

Table 4

EU#	MONITORING/TESTING REQUIREMENTS
EU4,EU5,EU6, EU7,EU8	1. In accordance with 310 CMR 7.19(6)(a), tune each emission unit annually according to the procedures described in 310 CMR 7.19(6)(a) 1 through 12..
	2. In accordance with 310 CMR 7.19(6)(b)2.g., verify that settings determined during tune-ups have not changed at least once per month.
	3. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7). Also in accordance with 40 CFR Part 63, Subpart JJJJJJ, §63.11223(b)(5), measure the concentration in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the required biennial tune-up. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.
	4. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, perform a one-time energy assessment by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements herein satisfies the energy assessment requirement. The energy assessment must include: (1) A visual inspection of the boiler system, (2) An evaluation of operating characteristics of the facility, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints, (3) Inventory of major systems consuming energy from affected boiler(s), (4) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage, (5) A list of major energy conservation measures, (6) A list of the energy savings potential of the energy conservation measures identified, (7) A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments. The energy assessment must be completed by March 21, 2014.
EU11,EU12, EU13,EU1206, EU1207, EU1208	5. In accordance with Approval MBR-98-COM-007, install, calibrate, maintain, and operate a fuel metering device and recorder for each fuel of use so that fuel usage can be monitored separately for each unit. The fuel flow from EU11, EU12, and EU13 shall be restricted to the equivalent of two boilers firing at their maximum rate (29.4 MMBtu/hour). In accordance with Approval MBR-98-COM-007, monitor for each unit: • which boiler(s) are operative at any given time; • consumption of each fuel on a weekly, monthly, and twelve month rolling basis to ensure compliance with fuel usage and NO_x emission restrictions as stated in Table 3. For the purposes of calculating emissions from each fuel burned, the following heat content values shall be used: Natural gas: 1,000 Btu per cubic foot; No. 2 Fuel Oil: 140,000 Btu per gallon; • number of gallons of red dye distillate No. 2 Fuel Oil utilized in each calendar year; and • date and time of fuel switch to red dye distillate No. 2 Fuel Oil, duration of fuel switch, the amount of red dye distillate No. 2 Fuel Oil consumed during each fuel switch, and the date and time for return to Natural Gas firing. • Fuel purchase receipts with the actual sulfur content of fuel oil used .

Table 4	
EU#	**MONITORING/TESTING REQUIREMENTS**
EU11,EU12, EU13,EU1206, EU1207, EU1208	6. In accordance with Approval MBR-98-COM-007, conduct Emissions Compliance Testing (Stack Testing), in accordance with 310 CMR 7.13 and 40 CFR Part 60, Appendix A, if and when requested by the Department.
	7. In accordance with Approval MBR-98-COM-007, allow the Department to witness tuning or testing of the boilers if and when requested by the Department.
	8. In accordance with Approval MBR-98-COM-007, conduct NOx/CO optimization and tune each unit according to procedures contained in EPA340/1-83-023 "Combustion Efficiency Optimization Manual for Operators of Oil and Gas Fired Boilers" on an annual basis, with the goal of reducing air pollutant emissions to optimum levels. In addition, tune the boilers in accordance with said procedures and inspect and maintain the boilers per manufacturer's recommendations as well as test for efficient operation on an annual basis.
EU11,EU12, EU13	9. Measure for each unit the amounts of each fuel combusted as required per 40 CFR 60.48c(g)(1), (g)(2), or (g)(3).
	10. In accordance with 40 CFR 60.42c(h), compliance with the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c(d) and 40 CFR 60.42c(i) may be demonstrated based on a certification from the fuel supplier. The performance test as required under 40 CFR 60.8 shall consist of the certification from the fuel supplier as described under 40 CFR 60.48c(f). As stated under 40 CFR 60.48c(f)(1) for affected facilities that combust distillate oil, said certification shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; more specifically, that the oil complies with specifications for Fuel Oil No. 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, "Standard Specification for Fuel Oils" (incorporated herein by reference-see 40 CFR 60.17).
	11. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7). Also in accordance with 40 CFR Part 63, Subpart JJJJJJ, §63.11223(b)(5), measure the concentration in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the required biennial tune-up. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.
	12. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, perform a one-time energy assessment by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements herein satisfies the energy assessment requirement. The energy assessment must include: 1 A visual inspection of the boiler system, 2 An evaluation of operating characteristics of the facility, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints, 3 Inventory of major systems consuming energy from affected boiler(s), 4 A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage, 5 A list of major energy conservation measures, 6 A list of the energy savings potential of the energy conservation measures identified, 7 A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments. The energy assessment must be completed by March 21, 2014.

Table 4	
EU#	**MONITORING/TESTING REQUIREMENTS**
EU14, EU15	13. In accordance with Approval MBR-98-COM-007, monitor for each unit: • information on equipment type, make and model, and maximum power input/output; • daily, monthly, and twelve month rolling hours of operation and weekly, monthly, and twelve month rolling fuel consumption to ensure compliance with hourly restrictions, fuel usage, and NO_x emission restrictions as stated in Table 3. For the purposes of calculating emissions from the fuel burned, the following heat content value shall be used: No. 2 Fuel Oil: 140,000 Btu per gallon; • fuel type, actual sulfur content of the fuel oil used, and fuel heating value; • purchase orders, invoices, and other supporting documents.
EU17,EU18, EU19,EU20, EU21	14. In accordance with Approval MBR-99-COM-002, install, calibrate, maintain, and operate a fuel metering device and recorder for each fuel of use so that fuel usage can be monitored as a total for all units. In accordance with Approval MBR-99-COM-002, monitor: • which boiler(s) are operative at any given time; • consumption of each fuel on a weekly, monthly, and twelve month rolling basis to ensure compliance with fuel usage and NO_x emission restrictions as stated in Table 3. For the purposes of calculating emissions from each fuel burned, the following heat content values shall be used: Natural gas: 1,000 Btu per cubic foot; No. 2 Fuel Oil: 140,000 Btu per gallon; • number of gallons of red dye distillate No. 2 Fuel Oil utilized in each calendar year; and • date and time of fuel switch to red dye distillate No. 2 Fuel Oil, duration of fuel switch, the amount of red dye distillate No. 2 Fuel Oil consumed during each fuel switch, and the date and time for return to Natural Gas firing.
	15. In accordance with Approval MBR-99-COM-002, test for efficient operation on an annual basis.
	16. In accordance with Approval MBR-99-COM-002, conduct Emissions Compliance Testing (Stack Testing), in accordance with 310 CMR 7.13 and 40 CFR Part 60, Appendix A, if and when requested by the Department.
EU17,EU18, EU19,EU20, EU21	17. In accordance with Final Approval MBR-99-COM-002, conduct NOx/CO optimization and tune each unit according to procedures contained in EPA340/1-83-023 "Combustion Efficiency Optimization Manual for Operators of Oil and Gas Fired Boilers" on an annual basis, with the goal of reducing air pollutant emissions to optimum levels. In addition, tune the boilers in accordance with said procedures and inspect and maintain the boilers per manufacturer recommendations as well as test for efficient operation on an annual basis.
	18. In accordance with 40 CFR 60.45c(a)(8), an affected facility subject to the Opacity standards under 40 CFR 60.43c(c) and 40 CFR 60.43c(d) shall conduct an initial performance test as required under 40 CFR 60.8, and shall conduct subsequent performance tests as requested by EPA, by using Method 9 (6-minute average of 24 observations) to determine compliance with the Opacity of stack emissions.
	19. In accordance with 40 CFR 60.47c(c), these boilers are not required to operate a COMS if they follow applicable procedures in §60.48c(f). 40 CFR 60.48c(f) states fuel supplier certification shall include the following information: (1) for distillate oil: (i) the name of the oil supplier; (ii) a statement from the oil supplier that the oil complies with the specification under the definition of distillate oil in §60.41c; and (iii) the sulfur content or maximum sulfur content of the oil.
	20. In accordance with Approval MBR-99-COM-002, install, calibrate, maintain, and operate opacity monitoring/recording equipment and alarms in sufficient manner to ensure continuous and accurate operation at all times.

Table 4	
EU#	**MONITORING/TESTING REQUIREMENTS**
EU17,EU18, EU19,EU20, EU21	21. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7). Also in accordance with 40 CFR Part 63, Subpart JJJJJJ, §63.11223(b)(5), measure the concentration in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the required biennial tune-up. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.
	22. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, perform a one-time energy assessment by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements herein satisfies the energy assessment requirement. The energy assessment must include: 1 A visual inspection of the boiler system, 2 An evaluation of operating characteristics of the facility, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints, 3 Inventory of major systems consuming energy from affected boiler(s), 4 A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage, 5 A list of major energy conservation measures, 6 A list of the energy savings potential of the energy conservation measures identified, 7 A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments. The energy assessment must be completed by March 21, 2014.
EU17, EU18,EU19, EU20,EU21, EU22, EU23	23. Measure for each unit the amounts of each fuel combusted as required per 40 CFR 60.48c(g)(1), (g)(2), or (g)(3).
	24. In accordance with 40 CFR 60.42c(h), compliance with the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c(d) and 40 CFR 60.42c(i) may be demonstrated based on a certification from the fuel supplier. The performance test as required under 40 CFR 60.8 shall consist of the certification from the fuel supplier as described under 40 CFR 60.48c(f). As stated under 40 CFR 60.48c(f)(1) for affected facilities that combust distillate oil, said certification shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; more specifically, that the oil complies with specifications for Fuel Oil No. 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, "Standard Specification for Fuel Oils" (incorporated herein by reference-see 40 CFR 60.17).
EU 22, EU 23	25. In accordance with Final Approval MBR-03-COM-014 and 310 CMR 7.04(4)(a), each fuel utilization facility shall be inspected and maintained in accordance with the manufacturer's recommendations and tested for efficient operation at least once in each calendar year.
	26. In accordance with Final Approval MBR-03-COM-014 and 310 CMR 7.13, the Department may require source emission testing (stack testing). All emission testing shall be conducted in accordance with U. S. EPA standard test methods.
	27. Monitor operations of the boilers such that records can be maintained in accordance with Final Approval MBR-03-COM-014.
	28. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7). Also in accordance with 40 CFR Part 63, Subpart JJJJJJ, §63.11223(b)(5), measure the concentration in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the required biennial tune-up. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

Table 4	
EU#	**MONITORING/TESTING REQUIREMENTS**
EU 22, EU 23	29. As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, perform a one-time energy assessment by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements herein satisfies the energy assessment requirement. The energy assessment must include: 1 A visual inspection of the boiler system, 2 An evaluation of operating characteristics of the facility, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints, 3 Inventory of major systems consuming energy from affected boiler(s), 4 A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage, 5 A list of major energy conservation measures, 6 A list of the energy savings potential of the energy conservation measures identified, 7 A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments. The energy assessment must be completed by March 21, 2014.
EU1114, EU1115	30. Pursuant to MassDEP's authority through 310 CMR 7.00: Appendix C(9)(b)2, monitor to ensure that the records are maintained for each unit as required in Table 5 of this Permit.
EU1120, EU1122	31. Pursuant to MassDEP's authority through 310 CMR 7.00: Appendix C(9)(b)2, monitor to ensure that the records are maintained for each unit as required in Table 5 of this Permit.
EU1121	32. In accordance with Final Approval MBR-95-COM-051 and 310 CMR 7.04(4)(a), each fuel utilization facility shall be inspected and maintained in accordance with the manufacturer's recommendations and tested for efficient operation at least once in each calendar year.
	33. In accordance with Final Approval MBR-95-COM-051 and 310 CMR 7.13, the Department may require source emission testing (stack testing). All emission testing shall be conducted in accordance with U. S. EPA standard test methods.
	34. Monitor operations of the boilers such that records can be maintained in accordance with Final Approval MBR-95-COM-051.
EU1129, EU1130,	35. In accordance with Final Approval MBR-95-COM-044 and 310 CMR 7.04(4)(a), each fuel utilization facility shall be inspected and maintained in accordance with the manufacturer's recommendations and tested for efficient operation at least once in each calendar year.
	36. In accordance with Final Approval MBR-95-COM-044 and 310 CMR 7.13, the Department may require source emission testing (stack testing). All emission testing shall be conducted in accordance with U. S. EPA standard test methods.
	37. Monitor operations of the boilers such that records can be maintained in accordance with Final Approval MBR-95-COM-044.
EU1178, EU1283	38. In accordance with Final Approval MBR-95-COM-048 and 310 CMR 7.04(4)(a), each fuel utilization facility shall be inspected and maintained in accordance with the manufacturer's recommendations and tested for efficient operation at least once in each calendar year.
EU1178, EU1283	39. In accordance with Final Approval MBR-95-COM-048 and 310 CMR 7.13, the Department may require source emission testing (stack testing). All emission testing shall be conducted in accordance with U. S. EPA standard test methods.
	40. Monitor operations of the boilers such that records can be maintained in accordance with Final Approval MBR-95-COM-048.
EU1216, EU1218	41. In accordance with Final Approval MBR-95-COM-053 and 310 CMR 7.04(4)(a), each fuel utilization facility shall be inspected and maintained in accordance with the manufacturer's recommendations and tested for efficient operation at least once in each calendar year.
	42. In accordance with Final Approval MBR-95-COM-053 and 310 CMR 7.13, the Department may require source emission testing (stack testing). All emission testing shall be conducted in accordance with U. S. EPA standard test methods.

Table 4	
EU#	**MONITORING/TESTING REQUIREMENTS**
EU1216, EU1218	43. Monitor operations of the boilers such that records can be maintained in accordance with Final Approval MBR-95-COM-053.
EU1221	44. In accordance with Final Approval MBR-95-COM-053 and 310 CMR 7.04(4)(a), each fuel utilization facility shall be inspected and maintained in accordance with the manufacturer's recommendations and tested for efficient operation at least once in each calendar year.
	45. In accordance with Final Approval MBR-95-COM-053 and 310 CMR 7.13, the Department may require source emission testing (stack testing). All emission testing shall be conducted in accordance with U. S. EPA standard test methods.
	46. Monitor operations of the boilers such that records can be maintained in accordance with Final Approval MBR-95-COM-053.
EU1228, EU1229, EU1230	47. In accordance with Final Approval MBR-95-COM-042 and 310 CMR 7.04(4)(a), each fuel utilization facility shall be inspected and maintained in accordance with the manufacturer's recommendations and tested for efficient operation at least once in each calendar year.
	48. In accordance with Final Approval MBR-95-COM-042 and 310 CMR 7.13, the Department may require source emission testing (stack testing). All emission testing shall be conducted in accordance with U. S. EPA standard test methods.
	49. Monitor operations of the boilers such that records can be maintained in accordance with Final Approval MBR-95-COM-042.
EU1299, EU1312, EU1313, EU1314, EU1315, EU1316, EU1317, EU1318, EU1319, EU1320	50. Monitor to ensure that the following records are maintained for each unit as required in 310 CMR 7.03(10) and 310 CMR 7.08(8)(i): (a) Information of equipment type, make and model, and maximum power input/output; and (b) hours of operation, gallons of fuel used, fuel type and heating value, and a monthly calculation of the total hours operated and gallons of fuel used in the previous twelve months shall be kept on site
EU1321, EU 1322, EU 1323, EU1327	51. In accordance with 310 CMR 7.03(8) and 310 CMR 7.18(8)(a),(e) and (f), monitor the amount of solvent used and all work practices pertaining to degreasing activities.
	52. In accordance with 310 CMR 7.03(6), monitor operations such that records can be maintained to document the date of construction, substantial reconstruction or alteration and that the respective emission rates, operations limitations, equipment specifications and other requirements pursuant to 310 CMR 7.03 are met.
	53. Monitor to ensure that the following records are maintained in accordance with 310 CMR 7.18(8)(g); prepare and maintain daily records sufficient to demonstrate continuous compliance. Such records shall include, but are not limited to: 1. Identity, quantity, formulation and density of solvent(s) used; 2. Quantity, formulation and density of all waste solvent(s) generated; 3. Actual operation and performance characteristics of the degreaser and any appurtenant emissions capture and control equipment, if applicable, and 4. Any other requirements specified by the Department in any approval(s) and/or order(s) issued to the facility.
	54. In accordance with 310 CMR 7.18(8)(h), upon request by the Department, perform or have performed tests to demonstrate compliance with 310 CMR 7.18(8). Testing shall be conducted in accordance with a method approved by the Department or EPA.

Table 4	
EU#	**MONITORING/TESTING REQUIREMENTS**
EU 1324	55. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, monitor the pressure differential between the inlet and the outlet of the baghouse to ensure it stays within the acceptable ranges according to the manufacturer's specifications.
	56. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, conduct inspection and maintenance activities on the baghouse as detailed in the CAM plan and in accordance with manufacturer's specifications.
	57. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, monitor the visible emissions from the baghouse exhaust.
EU 1325, EU 1326	58. A non-turnback hour counter shall be installed, operated, and maintained in good working order to monitor operating hours as referenced in Regulation 310 CMR 7.26(42)(d)1.
	59. In accordance with 310 CMR 7.26(42)(e)2., MassDEP may require emission or other monitoring to assure compliance with the requirements of 310 CMR 7.26(42).
	60. In accordance with 310 CMR 7.26(42)(e)3., any testing when required shall comply with the following: a. Tests to certify compliance with emission limitations must be performed in accordance with EPA Reference Methods, California Air Resources Board Methods approved by EPA, or equivalent methods as approved by MassDEP and EPA. b. Particulate matter from liquid fuel reciprocating engines shall be determined using Method 8178 D2 of the International Organization of Standardization. c. Testing shall be conducted at the full design load of the emergency engine. d. MassDEP may require emission or other testing to assure compliance with the emission limitations or fuel requirements.
	61. In accordance with 40 CFR 60.4209(a), if you are an owner or operator of a stationary compression ignition (CI) internal combustion engine that does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine to monitor the hours of operation.
	62. Pursuant to MassDEP's authority through 310 CMR 7.00:Appendix C(9)(b)2., monitor to ensure that the following records are maintained as required in Table 5 of this Permit: a. Information of equipment type, make and model, and rated power output; and b. hours of operation, fuel type and amount, heating value, and sulfur content for fuel oil.
All EUs in Table 1 and Table 3, except EU1321, EU 1322, EU 1323, EU1327	63. Pursuant to MassDEP's authority through 310 CMR 7.00: Appendix C(9)(b)2., monitor unit operations to ensure continuous compliance with PM emission limits.
All EUs in Table 1 and Table 3, except EU 14, EU15, EU 1299, - EU1327	64. In accordance with 310 CMR 7.04(4)(a), inspect and maintain fuel utilization facility, rated by the Department as having an energy input capacity greater than or equal to 3 MMBtu per hour, in accordance with manufacturer's recommendations, and test for efficient operation at least once in each calendar year.

Table 4	
EU#	**MONITORING/TESTING REQUIREMENTS**
Group A	65. In accordance with 40 CFR 63.11210(c), for existing boilers that have applicable work practice standards, management practices of emission reduction measures, you must demonstrate initial compliance according to the applicable provisions in 40 CFR 63.7(a)(2).
	66. In accordance with 40 CFR 63.11214(b), monitor the performance tune-up required by §63.11223(b) (see footnote 9 to Table 3 above for requirements) so records may be maintained as required in Table 5 below.
	67. In accordance with 40 CFR 63.11223(a), monitor the biennial performance tune-up according to §63.11223(b) so records may be maintained as required in Table 5 below. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.
Group B & C	68. In accordance with 40 CFR 63.11223(a), monitor the biennial performance tune-up according to §63.11223(b) (see footnote 9 to Table 3 above for requirements) so records may be maintained as required in Table 5 below. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.
Group B & C	69. In accordance with 40 CFR 63.11210(d), for any new or reconstructed affected sources, you must demonstrate initial compliance not later than 180 calendar days after March 21, 2011 or within 180 calendar days after startup of the source, whichever is later, according to §63.7 (a)(2)(ix).
Facility-wide	70. In accordance with 310 CMR 7.71(1) and Appendix C(9) establish and maintain data systems or record keeping practices (e.g. fuel use records, SF6 usage documentation, Continuous Emissions Monitoring System) for greenhouse gas emissions to ensure compliance with the reporting provisions of M.G.L. c. 21N, the Climate Protection and Green Economy Act, St. 2008, c. 298, § 6 (state only requirement).
	71. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(b)2., monitor sulfur content of each new shipment of fuel received. Compliance with 310 CMR 7.05(1)(a)1., 310 CMR 7.05(1)(a)2., 310 CMR 7.05(1)(a)3., and Permittee's Approval letters regarding sulfur content of the fuel can be demonstrated through fuel analysis. The analysis of sulfur content of the fuel shall be in accordance with the applicable ASTM test methods or any other method approved by the Department and EPA. Fuel sulfur information may be provided by fuel suppliers.
	72. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(b)2., monitor facility operations to determine compliance status with opacity limits contained in Table 3 above.
	73. In accordance with 310 CMR 7.13(1), any person owning, leasing, operating or controlling a facility for which the Department has determined that stack testing is necessary to ascertain compliance with the Department's regulations or design approval provisos shall cause such stack testing: (a) to be conducted by a person knowledgeable in stack testing, (b) to be conducted in accordance with procedures contained in a test protocol which has been approved by the Department, and (c) to be conducted in the presence of a representative of the Department when such is deemed necessary. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(b)2., conduct any other testing or testing methodology if and when requested by the Department or EPA.
	74. Monitor operations such that information may be compiled for the annual preparation of a Source Registration/Emission Statement Form as required by 310 CMR 7.12.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU4,EU5,EU6, EU7,EU8	1. In accordance with 310 CMR 7.19(6)(b) 2., maintain records of tune-ups, including: the date of tune-up; person(s) conducting tune-up; O_2/smoke spot correlations obtained during tune-up; boiler/burner manufacturer's recommended set-points; final boiler set-points as result of tune-up; normal boiler/burner maintenance records; and monthly verifications that the settings determined during the tune-up have not changed.
	2. In accordance with 40 CFR Part 63.11225(b), prepare a biennial compliance report as specified in paragraphs 63.11225(b)(1) through (4). Prepare the first report by March 1, 2015. Subsequent reports must be prepared by March 1st of every other year.
	3. In accordance with 40 CFR Part 63.11225(c)(1) and as required in §63.10(b)(2)(xiv), keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted.
	4. In accordance with 40 CFR Part 63.11225(c)(2)(i), keep records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214. Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.
	5. In accordance with 40 CFR Part 63.11223(6), maintain on-site biennial reports containing the following: (i) the concentrations of the CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler (ii) a description of any corrective actions taken as a part of the tune-up boiler (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler
	6. In accordance with 40 CFR Part 63.11225(c)(2)(ii), keep records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure.
	7. In accordance with 40 CFR Part 63.11225(c)(4), keep records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.
	8. In accordance with 40 CFR Part 63.11225(c)(5), keep records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	9. In accordance with 40 CFR Part 63.11225(d), records must be in a form suitable and readily available for expeditious review. Records must be kept for five (5) years following the date of each recorded action.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU11,EU12, EU13,EU1206, EU1207, EU1208	10. In accordance with Approval MBR-98-COM-007, record for each unit and in combination for all units: • which boiler(s) are operative at any given time; • consumption of each fuel on a weekly, monthly, and twelve month rolling basis, and resulting monthly and twelve month rolling NO_x emissions for comparison to NO_x emission restrictions as stated in Table 3. For the purposes of calculating emissions from each fuel burned, the following heat content values shall be used: Natural gas: 1,000 Btu per cubic foot; No. 2 Fuel Oil: 140,000 Btu per gallon; • number of gallons of red dye distillate No. 2 Fuel Oil utilized in each calendar year; and • date and time of fuel switch to red dye distillate No. 2 Fuel Oil, duration of fuel switch, the amount of red dye distillate No. 2 Fuel Oil consumed during each fuel switch, and the date and time for return to natural gas firing. • Fuel purchase receipts with the actual sulfur content of fuel oil used • These receipts may be stored electronically as considered acceptable by MassDEP
	11. In accordance with Approval MBR-98-COM-007, post copy of Approval letter adjacent to each unit.
	12. In accordance with Approval MBR-98-COM-007, post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.
	13. In accordance with Approval MBR-98-COM-007, maintain copy of Standard Operating and Maintenance Procedures (SOMP) at or nearby the subject units.
	14. Consistent with the requirements of Approval MBR-98-COM-007, maintain records of NOx/CO optimization and tuning of each unit conducted according to procedures contained in EPA340/1-83-023 “Combustion Efficiency Optimization Manual for Operators of Oil and Gas Fired Boilers”.
EU11,EU12, EU13	15. In accordance with Approval MBR-98-COM-007 and 40 CFR Part 60, subpart Dc, comply with the requirements of 40 CFR Part 60, Subpart Dc. Subpart Dc, 60.48c requires that the owner or operator of boilers must keep records and submit certain information to the USEPA.
	16. Record the amounts of each fuel combusted as required per 40 CFR 60.48c(g)(1), (g)(2), or (g)(3).
	17. In accordance with 40 CFR 60.48c(e)(11) and 40 CFR 60.48c(f)(1), maintain records of fuel supplier certifications to demonstrate compliance with the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c(d) and 40 CFR 60.42c(i). Said certifications shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; more specifically, that the oil complies with specifications for Fuel Oil No. 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, "Standard Specification for Fuel Oils" (incorporated herein by reference-see 40 CFR 60.17).
	18. In accordance with 40 CFR Part 63.11225(b), prepare a biennial compliance report as specified in paragraphs 63.11225(b)(1) through (4). Prepare the first report by March 1, 2015. Subsequent reports must be prepared by March 1st of every other year.
	19. In accordance with 40 CFR Part 63.11225(c)(1) and as required in §63.10(b)(2)(xiv), keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted.
	20. In accordance with 40 CFR Part 63.11225(c)(2)(i), keep records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214. Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU11,EU12, EU13	21. In accordance with 40 CFR Part 63.11223(6), maintain on-site biennial reports containing the following: (i) the concentrations of the CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler (ii) a description of any corrective actions taken as a part of the tune-up boiler (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	22. In accordance with 40 CFR Part 63.11225(c)(2)(ii), keep records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure.
	23. In accordance with 40 CFR Part 63.11225(c)(4), keep records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.
	24. In accordance with 40 CFR Part 63.11225(c)(5), keep records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	25. In accordance with 40 CFR Part 63.11225(d), records must be in a form suitable and readily available for expeditious review. Records must be kept for five (5) years following the date of each recorded action.
EU14, EU15	26. In accordance with Approval MBR-98-COM-007, maintain records for each EU of: • information on equipment type, make and model, and maximum power input/output; • daily, monthly, and twelve month rolling hours of operation and weekly, monthly, and twelve month rolling fuel consumption, and resulting monthly and twelve month rolling NO_x emissions for comparison to NO_x emission restrictions as stated in Table 3. For the purposes of calculating emissions from the fuel burned, the following heat content value shall be used: No. 2 Fuel Oil: 140,000 Btu per gallon; • fuel type, actual sulfur content of the fuel oil used, and fuel heating value; • purchase orders, invoices, and other supporting documents • These receipts may be stored electronically as considered acceptable by MassDEP
	27. In accordance with Approval MBR-98-COM-007, post copy of Approval letter adjacent to each unit.
	28. In accordance with Approval MBR-98-COM-007, maintain copy of Standard Operating and Maintenance Procedures (SOMP) at or nearby the subject emission units.
EU17,EU18, EU19,EU20, EU21	29. In accordance with Approval MBR-99-COM-002, record: • which boiler(s) are operative at any given time; • consumption of each fuel on a weekly, monthly, and twelve month rolling basis, and resulting monthly and twelve month rolling NO_x emissions for comparison to NO_x emission restrictions as stated in Table 3. For the purposes of calculating emissions from each fuel burned, the following heat content values shall be used: Natural gas: 1,000 Btu per cubic foot; No. 2 Fuel Oil: 140,000 Btu per gallon; • number of gallons of red dye distillate No. 2 Fuel Oil utilized in each calendar year; and • date and time of fuel switch to red dye distillate No. 2 Fuel Oil, duration of fuel switch, the amount of red dye distillate No. 2 Fuel Oil consumed during each fuel switch, and the date and time for return to natural gas firing.
	30. In accordance with Approval MBR-99-COM-002, post copy of Approval letter adjacent to each unit.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU17,EU18, EU19,EU20, EU21	31. In accordance with Approval MBR-99-COM-002, post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.
	32. In accordance with Approval MBR-99-COM-002, maintain copy of Standard Operating and Maintenance Procedures (SOMP) at or nearby the subject units.
	33. Consistent with the requirements of Final Approval MBR-99-COM-002, maintain records of NOx/CO optimization and tuning of each unit conducted according to procedures contained in EPA340/1-83-023 "Combustion Efficiency Optimization Manual for Operators of Oil and Gas Fired Boilers".
	34. In accordance with 40 CFR 60.45c(a)(8), maintain records of any performance tests requested by EPA as required under 40 CFR 60.8.
	35. In accordance with 40 CFR 60.48c(f) maintain records of fuel supplier certification including the following information: (1) for distillate oil: (i) the name of the oil supplier; (ii) a statement from the oil supplier that the oil complies with the specification under the definition of distillate oil in §60.41c; and (iii) the sulfur content or maximum sulfur content of the oil.
	36. In accordance with Approval MBR-99-COM-002, record opacity measurements to ensure continuous and accurate operation at all times.
	37. In accordance with 40 CFR Part 63.11225(b), prepare a biennial compliance report as specified in paragraphs 63.11225(b)(1) through (4). Prepare the first report by March 1, 2015. Subsequent reports must be prepared by March 1st of every other year.
	38. In accordance with 40 CFR Part 63.11225(c)(1) and as required in §63.10(b)(2)(xiv), keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted.
	39. In accordance with 40 CFR Part 63.11225(c)(2)(i), keep records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214. Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.
	40. In accordance with 40 CFR Part 63.11223(6), maintain on-site biennial reports containing the following: (i) the concentrations of the CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler (ii) a description of any corrective actions taken as a part of the tune-up boiler (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler
	41. In accordance with 40 CFR Part 63.11225(c)(2)(ii), keep records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure.
	42. In accordance with 40 CFR Part 63.11225(c)(4), keep records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.
	43. In accordance with 40 CFR Part 63.11225(c)(5), keep records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	44. In accordance with 40 CFR Part 63.11225(d), records must be in a form suitable and readily available for expeditious review. Records must be kept for five (5) years following the date of each recorded action.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU17, EU18,EU19, EU20,EU21, EU22, EU23	45. Record the amounts of each fuel combusted as required per 40 CFR 60.48c(g)(1), (g)(2), or (g)(3).
EU17, EU18,EU19, EU20,EU21, EU22, EU23	46. In accordance with 40 CFR 60.48c(e)(11) and 40 CFR 60.48c(f)(1), maintain records of fuel supplier certifications to demonstrate compliance with the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c(d) and 40 CFR 60.42c(i). Said certifications shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; more specifically, that the oil complies with specifications for Fuel Oil No. 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, "Standard Specification for Fuel Oils" (incorporated herein by reference-see 40 CFR 60.17).
EU 22, EU 23	47. In accordance with Final Approval MBR-03-COM-014, post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.
	48. In accordance with Final Approval MBR-03-COM-014, establish a record keeping system. Record keeping shall, at a minimum, include: • The initiation and completion dates for the proposed construction. • Fuel usage log. This log may consist of standard bills for fuel usage. • Maintenance. A record of routine maintenance activities including, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed. • Malfunctions. A record of all malfunctions including, at a minimum: the date and time the malfunction occurred, a description of the malfunction and the corrective action taken; the date and time corrective actions were initiated; and the date and time the corrective actions were completed and the facility returned to compliance.
	49. In accordance with 40 CFR Part 63.11225(b), prepare a biennial compliance report as specified in paragraphs 63.11225(b)(1) through (4). Prepare the first report by March 1, 2015. Subsequent reports must be prepared by March 1st of every other year.
	50. In accordance with 40 CFR Part 63.11225(c)(1) and as required in §63.10(b)(2)(xiv), keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted.
	51. In accordance with 40 CFR Part 63.11225(c)(2)(i), keep records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214. Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.
	52. In accordance with 40 CFR Part 63.11223(6), maintain on-site biennial reports containing the following: i) the concentrations of the CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler ii) a description of any corrective actions taken as a part of the tune-up boiler iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU 22, EU 23	53. In accordance with 40 CFR Part 63.11225(c)(2)(ii), keep records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure.
	54. In accordance with 40 CFR Part 63.11225(c)(4), keep records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.
	55. In accordance with 40 CFR Part 63.11225(c)(5), keep records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	56. In accordance with 40 CFR Part 63.11225(d), records must be in a form suitable and readily available for expeditious review. Records must be kept for five (5) years following the date of each recorded action.
EU1114, EU1115, EU1120, EU1122	57. In accordance with 310 CMR 7.02(2)(d), keep the following records on-site and up-to-date, such that year-to-date information is readily available for Department examination upon request: 1. Documentation of the date of construction, substantial reconstruction or alteration. 2. Documentation, including emission calculations, under the specific condition(s) that qualified the activity for exemption (e.g. size threshold, emissions). 3. Air pollution control and other equipment performance specifications. 4. Verification of the overall efficiency of any air pollutions control device adequate to support assumptions of emission control equipment capture efficiency (documentation of permanent total enclosures) and destruction/removal efficiency.
EU1121	58. In accordance with Final Approval MBR-95-COM-051, post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.
	59. In accordance with Final Approval MBR-95-COM-051, establish a record keeping system. Record keeping shall, at a minimum, include: • Fuel usage log. This log may consist of standard bills for fuel usage. • Maintenance. A record of routine maintenance activities including, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed. • Malfunctions. A record of all malfunctions including, at a minimum: the date and time the malfunction occurred, a description of the malfunction and the corrective action taken; the date and time corrective actions were initiated; and the date and time the corrective actions were completed and the facility returned to compliance.
EU1129, EU1130	60. In accordance with Final Approval MBR-95-COM-044, post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU1129, EU1130	61. In accordance with Final Approval MBR-95-COM-044, establish a record keeping system. Record keeping shall, at a minimum, include: • The initiation and completion dates for the proposed construction/reconstruction/alteration. • Fuel usage log. This log may consist of standard bills for fuel usage. • Maintenance. A record of routine maintenance activities including, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed. • Malfunctions. A record of all malfunctions including, at a minimum: the date and time the malfunction occurred, a description of the malfunction and the corrective action taken; the date and time corrective actions were initiated; and the date and time the corrective actions were completed and the facility returned to compliance.
EU1178, EU 1283	62. In accordance with Final Approval MBR-95-COM-048 post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.
	63. In accordance with Final Approval MBR-95-COM-048, establish a record keeping system. Record keeping shall, at a minimum, include: • Fuel usage log. This log may consist of standard bills for fuel usage. • Maintenance. A record of routine maintenance activities including, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed. • Malfunctions. A record of all malfunctions including, at a minimum: the date and time the malfunction occurred, a description of the malfunction and the corrective action taken; the date and time corrective actions were initiated; and the date and time the corrective actions were completed and the facility returned to compliance.
EU1216, EU1218	64. In accordance with Final Approval MBR-95-COM-053 post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.
	65. In accordance with Final Approval MBR-95-COM-053, establish a record keeping system. Record keeping shall, at a minimum, include: • Fuel usage log. This log may consist of standard bills for fuel usage. • Maintenance. A record of routine maintenance activities including, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed. • Malfunctions. A record of all malfunctions including, at a minimum: the date and time the malfunction occurred, a description of the malfunction and the corrective action taken; the date and time corrective actions were initiated; and the date and time the corrective actions were completed and the facility returned to compliance.
EU1221	66. In accordance with Final Approval MBR-95-COM-053 post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU1221	67. In accordance with Final Approval MBR-95-COM-053, establish a record keeping system. Record keeping shall, at a minimum, include: • Fuel usage log. This log may consist of standard bills for fuel usage. • Maintenance. A record of routine maintenance activities including, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed. • Malfunctions. A record of all malfunctions including, at a minimum: the date and time the malfunction occurred, a description of the malfunction and the corrective action taken; the date and time corrective actions were initiated; and the date and time the corrective actions were completed and the facility returned to compliance.
EU1228, EU1229, EU1230	68. In accordance with Final Approval MBR-95-COM-042 post a copy of the results of annual inspection, maintenance and testing and the date upon which it was performed conspicuously on or near the equipment.
	69. In accordance with Final Approval MBR-95-COM-042, establish a record keeping system. Record keeping shall, at a minimum, include: • Fuel usage log. This log may consist of standard bills for fuel usage. • Maintenance. A record of routine maintenance activities including, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed. • Malfunctions. A record of all malfunctions including, at a minimum: the date and time the malfunction occurred, a description of the malfunction and the corrective action taken; the date and time corrective actions were initiated; and the date and time the corrective actions were completed and the facility returned to compliance.
EU1299, EU1312, EU1313, EU1314 EU1315, EU1316, EU1317, EU1318, EU1319, EU1320	70. Maintain the following records for each EU as required in 310 CMR 7.03(10) and 310 CMR 7.02(8)(i): (a) Information of equipment type, make and model, and maximum power input/output; and (b) Monthly logs of hours of operation, gallons of fuel used, fuel type and heating value, and a monthly calculation of the total hours operated and gallons of fuel used in the previous twelve months shall be kept on site; and (c) Purchase orders, invoices and other documents to support information in the monthly log. As referenced in 310 CMR 7.02(8)(i)4, certify that the log is accurate and true in accordance with 310 CMR 7.01(2).
EU1321, EU1322, EU1323, EU1327	71. Maintain records to demonstrate compliance status with 310 CMR 7.03(8) and 310 CMR 7.18(8).
	72. In accordance with 310 CMR 7.03(6), maintain records in sufficient detail to document the date of construction, substantial reconstruction or alteration and that the respective emission rates, operations limitations, equipment specifications and other requirements pursuant to 310 CMR 7.03 are met. All records shall be maintained up-to-date such that year-to-date information is readily available for MassDEP examination.
	73. In accordance with 310 CMR 7.18(8)(g), prepare and maintain daily records sufficient to demonstrate continuous compliance. Such records shall include, but are not limited to: 1. Identity, quantity, formulation and density of solvent(s) used; 2. Quantity, formulation and density of all waste solvent(s) generated; 3. Actual operation and performance characteristics of the degreaser and any appurtenant emissions capture and control equipment, if applicable, and 4. Any other requirements specified by MassDEP in any approval(s) and/or order(s) issued to the facility.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
EU1321, EU1322, EU1323, EU1327	74. Maintain records of results of testing performed when requested by MassDEP to demonstrate compliance in accordance with 310 CMR 7.18(8)(h).
EU 1324	75. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, record the pressure differential between the inlet and the outlet of the baghouse.
	76. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, maintain records of inspection and maintenance activities on the baghouse as detailed in the CAM plan.
	77. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, record the visible emissions observed from the outlet of the baghouse.
EU1325, EU1326	78. In accordance with 310 CMR 7.26(42)(f), maintain the following records; 1. Information on equipment type, make and model, and rated power output; and 2. A monthly log of hours of operation, fuel type, heating value and sulfur content for fuel oil. A monthly calculation of the total hours operated in the previous 12 months; and 3. Purchase orders, invoices, and other documentation to substantiate information in the monthly log; and 4. Copies of certificates and documents from the manufacturer related to certificates. Such records shall be maintained on site or for remote locations, at the closest facility where records can be maintained and shall be made available to MassDEP or its designee upon request. The owner or operator shall certify that records are accurate and true in accordance with 310 CMR 7.01(2)(a) through (c). These records may be stored electronically as considered acceptable by MassDEP.
All EUs in Table 1 and Table 3, except EU1321, EU1322, EU1323, EU1327	79. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(b)2., record unit parameters, as necessary, to ensure continuous compliance with PM emission limits.
All EUs in Table 1 and Table 3, except EU 14, EU15, EU 1299 - EU1327	80. In accordance with 310 CMR 7.04(4)(a), maintain and post results of inspection, maintenance and testing, and the date upon which it was performed, of fuel utilization facility rated by the Department as having an energy input capacity greater than or equal to 3 MMBtu/ hr, on or near the facility.
Group A	81. Maintain records of the performance tune-up required by 40 CFR 63.11214(b), such that compliance with this regulation may be demonstrated and the required reporting may be submitted.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
Group A	82. In accordance with 40 CFR 63.11223(b)(6), maintain onsite biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	83. In accordance with 40 CFR 63.11223(a), keep records as required in §63.11225(c).
	84. In accordance with 40 CFR 63.11225(c), maintain records of the following information (1) keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, (2) records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214 as specified in the following (i) records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specification to which the boiler was tuned, and (ii) records documenting fuel type(s) used monthly by each boiler, including but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure. (4) records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment. (5) records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	85. In accordance with 40 CFR §63.11225(b), maintain adequate records so that the Permittee shall prepare a biennial compliance report including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Maintain adequate records such that the first Biennial Compliance Certification Report shall be prepared by March 1, 2015 with subsequent reports prepared biennially by March 1st.
	86. In accordance with 40 CFR 63.11225(d), your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each recorded action.
Group B & C	87. Maintain records of the performance tune-up required by 40 CFR 63.11214(b), such that compliance with this regulation may be demonstrated and the required reporting may be submitted.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
Group B & C	88. In accordance with 40 CFR 63.11225(c), maintain records of the following information (1) keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, (2) records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214 as specified in the following (i) records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specification to which the boiler was tuned, and (ii) records documenting fuel type(s) used monthly by each boiler, including but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure. (4) records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment. (5) records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	89. In accordance with 40 CFR 63.11223(b)(6), maintain onsite biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	90. In accordance with 40 CFR 63.11225(d), your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each recorded action.
Group B	91. In accordance with 40 CFR §63.11225(b), maintain records such that a biennial compliance report can be prepared, including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Prepare the first Biennial Compliance Certification Report by March 1, 2012, with subsequent reports prepared biennially by March 1st.
Group C	92. In accordance with 40 CFR §63.11225(b), maintain records such that a biennial compliance report can be prepared, including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Prepare the first Biennial Compliance Certification Report by March 1st of the year immediately following the start-up of the boiler, with subsequent reports prepared biennially by March 1st.
Facility-wide	93. In accordance with 310 CMR 7.71 (6) b. and c. retain at the facility for five years and make available to the Department upon request copies of the documentation of the methodology and data used to quantify emissions. (state only requirement)
	94. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(b)2., maintain fuel analysis results used to demonstrate compliance with fuel sulfur content requirements. These receipts may be stored electronically as considered acceptable by MassDEP.

Table 5	
EU#	**RECORD KEEPING REQUIREMENTS**
Facility-wide	95. Maintain the test results of any Emissions Compliance Testing (stack testing) performed in accordance with Approval MBR-98-COM-007, Approval MBR-99-COM-002, 310 CMR 7.13, and 40 CFR Part 60, Appendix A.
	96. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(d), maintain the test results of any other testing or testing methodology required by the Department or EPA.
	97. Maintain records such that information may be compiled for the annual preparation of a Source Registration/Emission Statement Form as required by 310 CMR 7.12.
	98. Keep copies of Source Registration/Emission Statement Forms submitted annually to the Department as required by 310 CMR 7.12.
	99. In accordance with 310 CMR 7.00: Appendix C(10)(b), maintain records of all monitoring data and supporting information required by this operating permit on site for five (5) years from the date of the monitoring sample, measurement, report or initial operating permit application.
	100. In accordance with Approval MBR-98-COM-007 and Approval MBR-99-COM-002, maintain an Environmental Logbook, or equivalent, which shall document all actions associated with environmental issues and overall emissions changes at the facility. The facility shall record information such as the results of federal, state, or local environmental inspections; maintenance or corrective actions related to pollution control equipment; and measures taken to lower overall emissions to the environment (air, odors, solid waste, etc.).

Table 6	
EU#	**REPORTING REQUIREMENTS**
EU4,EU5,EU6, EU7,EU8	1. In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of each boiler.
	2. In accordance with 40 CFR 63.11214(c), you must submit a signed certification in the Notification of Compliance Status report that an energy assessment of each boiler and its energy use systems was completed and submit, upon request, the energy assessment report.
	3. In accordance with 40 CFR 63.11225(a)(4), you must submit the Notification of Compliance Status in accordance with §63.9(h) no later than July 19, 2012. In addition to the information required in §63.9(h)(2), your notification must include the following certification of compliance, and signed by a responsible official: "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler." And, for an energy assessment, notification must be given no later than July 19, 2014 and the notification must include the following certification of compliance, and signed by a responsible official: "This facility has had an energy assessment performed according to §63.11214(c).".
	4. In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of each boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	5. In accordance with 40 CFR 63.11225(g), if you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify: (1) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the current applicable standards. (4) The date upon which you will commence the fuel switch.
EU11,EU12, EU13,EU14, EU15	6. In accordance with Approval MBR-98-COM-007, report for each EU and in combination for all units by January 30 of each year the following information for the months of January through December of the most recent calendar year: • which boiler(s) and emergency engine(s) are operative at any given time; • consumption of each fuel per month and for the twelve months of the calendar year, and the resulting monthly and twelve month NO_x emissions. For the purposes of calculating emissions from each fuel burned, the following heat content values shall be used: Natural gas: 1,000 Btu per cubic foot; No. 2 Fuel Oil: 140,000 Btu per gallon; • hours of operation for EU14 and EU15 per month and for the twelve months of the calendar year.
EU11, EU12, EU13, EU1206, EU1207, EU1208	7. In accordance with Approval MBR-98-COM-007 and 40 CFR Part 60, subpart Dc, comply with the requirements of 40 CFR Part 60, Subpart Dc. Subpart Dc, 60.48c requires that the owner or operator of boilers must keep records and submit certain information to the USEPA, Region 1, One Congress Street, Suite 1100(CAP), Boston, MA 02114-2023.

Table 6	
EU#	**REPORTING REQUIREMENTS**
EU11, EU12, EU13	8. In accordance with 40 CFR 60.48c(a), the Permittee shall submit notification to EPA of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7. This notification shall include: (1) the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility; (2) if applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c, or 40 CFR 60.43c; and (3) the annual capacity factor at which the Permittee anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired. As required under 40 CFR 60.48c(h), the responsible official of an affected facility subject to a Federally enforceable requirement limiting the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c and 40 CFR 60.43c shall calculate the annual capacity factor individually for each fuel combusted. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of the calendar month.
	9. In accordance with 40 CFR 60.48c(d), an affected facility subject to the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c(d) and 40 CFR 60.42c(i) shall submit to MassDEP reports every six months in accordance with 40 CFR 60.48c(j). Each report shall be postmarked by the 30th day following the end of the reporting period. The report shall contain calendar dates covered in the reporting period as per 40 CFR 60.48c(e)(1) and records of fuel supplier certifications as per 40 CFR 60.48c(e)(11) and 40 CFR 60.48c(f)(1). In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the responsible official of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the six month period. Said certifications shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; more specifically, that the oil complies with specifications for Fuel Oil No. 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, "Standard Specification for Fuel Oils" (incorporated herein by reference-see 40 CFR 60.17).
	10. In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up on each boiler.
	11. In accordance with 40 CFR 63.11214(c), you must submit a signed certification in the Notification of Compliance Status report that an energy assessment of each boiler and its energy use systems was completed and submit, upon request, the energy assessment report.
	12. In accordance with 40 CFR 63.11225(a)(4), you must submit the Notification of Compliance Status in accordance with §63.9(h) no later than July 19, 2012. In addition to the information required in §63.9(h)(2), your notification must include the following certification of compliance, and signed by a responsible official: ”This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler.” And, for an energy assessment, notification must be given no later than July 19, 2014 and the notification must include the following certification of compliance, and signed by a responsible official: “This facility has had an energy assessment performed according to §63.11214(c).”.
	13. In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of each boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.

Table 6	
EU#	**REPORTING REQUIREMENTS**
EU11, EU12, EU13	14. In accordance with 40 CFR 63.11225(g), if you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify: (1) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the current applicable standards. (4) The date upon which you will commence the fuel switch.
EU11, EU12, EU13, EU14, EU15, EU1206, EU1207, EU1208	15. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(d) and in accordance with 310 CMR 7.00: Appendix C(10)(d), updated versions of the Standard Operating and Maintenance Procedures (SOMP) shall be submitted to the Department. The Department must approve of significant changes to the SOMP prior to the change becoming effective. The updated SOMP shall supersede prior versions of the SOMP.
EU14, EU15	16. In accordance with Approval MBR-98-COM-007, submit a copy of the log for each unit containing the following information at the time of the required 310 CMR 7.12 Source Registration/Emission Statement form filing: • information on equipment type, make and model, and maximum power input/output; • daily, monthly, and twelve month rolling hours of operation and weekly, monthly, and twelve month rolling fuel consumption, and resulting monthly and twelve month rolling NO_x emissions. For the purposes of calculating emissions from the fuel burned, the following heat content value shall be used: No. 2 Fuel Oil: 140,000 Btu per gallon; • fuel type and fuel heating value; • purchase orders, invoices, and other supporting documents.
EU17,EU18, EU19,EU20, EU21	17. In accordance with Approval MBR-99-COM-002, report by January 30 of each year the following information for the months of January through December of the most recent calendar year: • which boiler(s) are operative at any given time; • consumption of each fuel per month and for the twelve months of the calendar year, and the resulting monthly and twelve month NO_x emissions. For the purposes of calculating emissions from each fuel burned, the following heat content values shall be used: Natural gas: 1,000 Btu per cubic foot; No. 2 Fuel Oil: 140,000 Btu per gallon
	18. In accordance with Approval MBR-99-COM-002 and 40 CFR Part 60, subpart Dc, comply with the requirements of 40 CFR Part 60, Subpart Dc. Subpart Dc, 60.48c requires that the owner or operator of boilers must keep records and submit certain information to the USEPA, Region 1, One Congress Street, Suite 1100(CAP), Boston, MA 02114-2023.
	19. In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of the boiler.
	20. In accordance with 40 CFR 63.11214(c), you must submit a signed certification in the Notification of Compliance Status report that an energy assessment of the boiler and its energy use systems was completed and submit, upon request, the energy assessment report.
	21. In accordance with 40 CFR 63.11225(a)(4), you must submit the Notification of Compliance Status in accordance with §63.9(h) no later than July 19, 2012. In addition to the information required in §63.9(h)(2), your notification must include the following certification of compliance, and signed by a responsible official: "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler." And, for an energy assessment, notification must be given no later than July 19, 2014 and the notification must include the following certification of compliance, and signed by a responsible official: "This facility has had an energy assessment performed according to §63.11214(c).".

Table 6	
EU#	**REPORTING REQUIREMENTS**
EU17,EU18, EU19,EU20, EU21	22. In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	23. In accordance with 40 CFR 63.11225(g), if you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify: (1) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the current applicable standards. (4) The date upon which you will commence the fuel switch.
	24. Pursuant to the Department's authority through 310 CMR 7.00: Appendix C(9)(d) and in accordance with 310 CMR 7.00: Appendix C(10)(d), updated versions of the Standard Operating and Maintenance Procedures (SOMP) shall be submitted to the Department. The Department must approve of significant changes to the SOMP prior to the change becoming effective. The updated SOMP shall supersede prior versions of the SOMP.
EU17, EU18,EU19, EU20,EU21, EU22, EU23	25. In accordance with 40 CFR 60.48c(a), the Permittee shall submit notification to EPA of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7. This notification shall include: (1) the design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility; (2) if applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c, or 40 CFR 60.43c; and (3) the annual capacity factor at which the Permittee anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired. As required under 40 CFR 60.48c(h), the responsible official of an affected facility subject to a Federally enforceable requirement limiting the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c and 40 CFR 60.43c shall calculate the annual capacity factor individually for each fuel combusted. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of the calendar month.
	26. In accordance with 40 CFR 60.48c(d), an affected facility subject to the SO_2 emission limits or fuel oil sulfur limits under 40 CFR 60.42c(d) and 40 CFR 60.42c(i) shall submit to EPA reports every six months in accordance with 40 CFR 60.48c(j). Each report shall be postmarked by the 30^{th} day following the end of the reporting period. The report shall contain calendar dates covered in the reporting period as per 40 CFR 60.48c(e)(1) and records of fuel supplier certifications as per 40 CFR 60.48c(e)(11) and 40 CFR 60.48c(f)(1). In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the responsible official of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the six month period. Said certifications shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; more specifically, that the oil complies with specifications for Fuel Oil No. 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, "Standard Specification for Fuel Oils" (incorporated herein by reference-see 40 CFR 60.17).
	27. In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of the boiler.

Table 6	
EU#	**REPORTING REQUIREMENTS**
EU17, EU18,EU19, EU20,EU21, EU22, EU23	28. In accordance with 40 CFR 63.11214(c), you must submit a signed certification in the Notification of Compliance Status report that an energy assessment of the boiler and its energy use systems was completed and submit, upon request, the energy assessment report.
	29. In accordance with 40 CFR 63.11225(a)(4), you must submit the Notification of Compliance Status in accordance with §63.9(h) no later than July 19, 2012. In addition to the information required in §63.9(h)(2), your notification must include the following certification of compliance, and signed by a responsible official: "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler." And, for an energy assessment, notification must be given no later than July 19, 2014 and the notification must include the following certification of compliance, and signed by a responsible official: "This facility has had an energy assessment performed according to §63.11214(c).".
	30. In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	31. In accordance with 40 CFR 63.11225(g), if you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify: (1) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the current applicable standards. (4) The date upon which you will commence the fuel switch.
EU 22, EU 23	32. In accordance with Final Approval MBR-03-COM-014, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.
	33. In accordance with Approval MBR-03-COM-014 and 40 CFR Part 60, subpart Dc, comply with the requirements of 40 CFR Part 60, Subpart Dc. Subpart Dc, 60.48c requires that the owner or operator of boilers must keep records and submit certain information to the USEPA, Region 1, One Congress Street, Suite 1100(CAP), Boston, MA 02114-2023.
EU1027, EU1028	34. In accordance with Final Approval MBR-95-COM-049, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.
EU1121	35. In accordance with Final Approval MBR-95-COM-051, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.
EU1129, EU1130	36. In accordance with Final Approval MBR-95-COM-044, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.

Table 6	
EU#	**REPORTING REQUIREMENTS**
EU1178, EU 1283	37. In accordance with Final Approval MBR-95-COM-048, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.
EU1216, EU1218	38. In accordance with Final Approval MBR-95-COM-053, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.
	39. In accordance with Final Approval MBR-95-COM-053, report to the Department any construction, substantial reconstruction or alteration described in 310 CMR 7.02 on the next required Source Registration/Emission Statement, in accordance with 310 CMR 7.12.
EU1221	40. In accordance with Final Approval MBR-95-COM-053, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.
	41. In accordance with Final Approval MBR-95-COM-053, report to the Department any construction, substantial reconstruction or alteration described in 310 CMR 7.02 on the next required Source Registration/Emission Statement, in accordance with 310 CMR 7.12.
EU1228, EU1229, EU1230	42. In accordance with Final Approval MBR-95-COM-042, the Regional Bureau of Waste Prevention office must be notified by telephone or fax as soon as possible after the occurrence of any upsets or malfunctions to the facility equipment, air pollution control equipment, or monitoring equipment which result in an excess emission to the air and a condition of air pollution.
EU1321, EU1322, EU1323, EU1327	43. In accordance with 310 CMR 7.03(5), report to the Department any construction, substantial reconstruction or alteration of a degreaser described in 310 CMR 7.03(8) on the next required Source Registration/Emission Statement, in accordance with 310 CMR 7.12.
EU 1324	44. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, report any excursions that are outside the normal pressure drop range as detailed in the CAM plan.
	45. In accordance with 40 CFR 64.3 (CAM) and the CAM plan submitted by the facility on March 2012, report any excursions that are outside the normal visible emission range as detailed in the CAM plan.
Group A	46. In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of the boiler.
	47. In accordance with 40 CFR 63.11214(c), you must submit a signed certification in the Notification of Compliance Status report than an energy assessment of the boiler and its energy use systems was completed and submit, upon request, the energy assessment report.

Table 6	
EU#	**REPORTING REQUIREMENTS**
Group A	48. In accordance with 40 CFR 63.11225(a)(2), as specified in §63.9(b)(2), submit the Initial Notification no later than 120 calendar days after May 20, 2011 or within 120 days after the source becomes subject to the standard. In accordance with 40 CFR 63.9(b)(2), the notification shall include the following information: (i) the name and address of the owner or operator; (ii) the address (i.e., physical location) of the affected source; (iii) an identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date; (iv) a brief description of the nature, size, design and method of operation of the source and an identification of the types of hazardous air pollutants emitted; and (v) a statement of whether the affected source is a major source or area source.
	49. In accordance with 40 CFR 63.11225(a)(4), you must submit the Notification of Compliance Status in accordance with §63.9(h) no later than July 19, 2012. In addition to the information required in §63.9(h)(2), your notification must include the following certification of compliance, and signed by a responsible official: "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler." and "This facility has had an energy assessment performed according to §63.11214(c)".
	50. In accordance with 40 CFR §63.11225(b), submit to the delegated authority upon request, a biennial compliance report including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Prepare the first Biennial Compliance Certification Report by March 1, 2015 with subsequent reports prepared biennially by March 1st.
	51. In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	52. In accordance with 40 CFR 63.11225(g), if you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify: (1) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the current applicable standards. (4) The date upon which you will commence the fuel switch.
Group B & Group C	53. In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of the boiler.
	54. In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.

Table 6	
EU#	**REPORTING REQUIREMENTS**
	55. In accordance with 40 CFR 63.11225(a)(2), as specified in §63.9(b)(2), submit the Initial Notification no later than 120 calendar days after May 20, 2011 or within 120 days after the source becomes subject to the standard. In accordance with 40 CFR 63.9(b)(2), the notification shall include the following information: (i) the name and address of the owner or operator; (ii) the address (i.e., physical location) of the affected source; (iii) an identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date; (iv) a brief description of the nature, size, design and method of operation of the source and an identification of the types of hazardous air pollutants emitted; and (v) a statement of whether the affected source is a major source or area source.
Group B & Group C	56. In accordance with 40 CFR 63.11225(a)(4), Submit the Notification of Compliance Status in accordance with §63.9(h) by September 17, 2011 or within 120 days of start-up, whichever is later. In addition to the information required in §63.9(h)(2), your notification must include the following certification of compliance, and signed by a responsible official: "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler.".
	57. In accordance with 40 CFR 63.11225(g), if you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify: (1) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the current applicable standards. (4) The date upon which you will commence the fuel switch.
Group B	58. In accordance with 40 CFR §63.11225(b), submit a biennial compliance report, upon request, including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Prepare the first Biennial Compliance Certification Report by March 1, 2012 with subsequent reports prepared biennially by March 1st.
Group C	59. In accordance with 40 CFR §63.11225(b), submit a biennial compliance report, upon request, including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Prepare the first Biennial Compliance Certification Report by March 1st of the year immediately following the start-up of the boiler, with subsequent reports prepared biennially by March 1st.
Facility-wide	60. In accordance with 310 CMR 7.71(5), by April 15th, 2010 and April 15th of each year thereafter report emissions of greenhouse gases from stationary emissions sources including, but not limited to, emissions from factory stacks, manufacturing processes and vents, fugitive emissions, and other process emissions; and owned or leased motor vehicles when stationary source greenhouse gas emissions are greater than 5,000 short tons CO2e. Report greenhouse gas emissions electronically in a format that can be accommodated by the registry. (state only requirement)
	61. In accordance with 310 CMR 7.71(6), certify greenhouse gas emissions reports using a form provided by the Department or the registry. (state only requirement)

Table 6	
EU#	**REPORTING REQUIREMENTS**
	62. In accordance with 310 CMR 7.71(7), by December 31st of the applicable year submit to the Department documentation of triennial verification of the greenhouse gas emissions report. (state only requirement)
Facility-wide	63. If and when the Department requests Emissions Compliance Testing (Stack Testing) to be conducted as per Approval MBR-98-COM-007, Approval MBR-99-COM-002, 310 CMR 7.13, and 40 CFR Part 60, Appendix A, then: (a) submit a pretest protocol for the required Emissions Compliance Test (stack test) for review and written Department approval at least 60 days prior to the anticipated date of testing, (b) include in the pretest protocol a description of sampling point locations, sampling equipment, sampling and analytical procedures, and the operating conditions for the required Emissions Compliance Testing, and (c) submit the Emissions Compliance Testing report for the review and written Department approval within 60 days of the completion of the Emissions Compliance Testing.
	64. In accordance with 310 CMR 7.00: Appendix C (10)(d), submit, upon request, the test results of any other testing or testing methodology required by the Department or EPA.
	65. Submit a Source Registration/Emission Statement form to the Department on an annual basis as required by 310 CMR 7.12.
	66. Submit by January 30 and July 30 for the previous six months respectively, a summary of all monitoring data and related supporting information to the Department as required by 310 CMR 7.00: Appendix C(10)(c).
	67. Submit Annual Compliance report to the Department and EPA by January 30 of each year and as required by General Condition 10. All reports must be certified by a responsible official as provided in 310 CMR 7.00: Appendix C(10)(h).
	68. Promptly report to the Department all instances of deviations from permit requirements which are not otherwise reported to the Department by telephone or fax, within three days of discovery of such deviation, as provided in 310 CMR 7.00: Appendix C(10)(f). (See General Condition 25).
	69. All required reports must be certified by a responsible official as provided in 310 CMR 7.00: Appendix C(10)(h).

C. GENERAL APPLICABLE REQUIREMENTS

The Permittee shall comply with all generally applicable requirements contained in 310 CMR 7.00 et. seq. and 310 CMR 8.00 et. seq., when subject.

D. REQUIREMENTS NOT CURRENTLY APPLICABLE

The Permittee is currently not subject to the following requirements:

Table 7	
REGULATION & TITLE	**REASON**
310 CMR 7.27	Superseded by 310 CMR 7.28 and 7.32
310 CMR 7.28	As of January 1, 2009, this regulation is no longer applicable; it was superseded by 310 CMR 7.32.

5. SPECIAL TERMS AND CONDITIONS

The Permittee is subject to and shall comply with the following special terms and conditions that are not contained in Table 3, 4, 5, and 6:

Table 8.	
Special Terms and Conditions	
EU 4-EU8, EU11- EU-13, EU17- EU 23, and EU "Group A"	1. Emission units are subject to the requirements of 40 CFR 63.1-16, Subpart A, "General Provisions" as indicated in Table"8" to Subpart JJJJJJ of 40 CFR 63. Compliance with all applicable provisions therein is required.
EU 1325 & EU 1326	2. In accordance with 40 CFR 60.4211(c), for EU 1325 and EU 1326, if the Permittee is an owner or operator of a 2007 model year and later stationary compression ignition internal combustion engine and must comply with the emission standards specified in §60.4205(b), you must comply by purchasing an engine certified to the emission standards in §60.4205(b) for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications.
EU 1325 & EU 1326	3. In accordance with 40 CFR 60.4211(a), for EU 1325 and EU 1326, the Permittee must operate and maintain each stationary compression ignition internal combustion engine according to the manufacturer's emission-related written instructions; change only those emission-related settings that are permitted by the manufacturer; and meet the requirements of 40 CFR parts 89, 94 and /or 1068, as they apply to you.
EU 1325 & EU 1326	4. Pursuant to 40 CFR 63.6590(c), for EU 1325 and EU 1326, meet the requirements of 40 CFR 63 Subpart ZZZZ by meeting the requirements of 40 CFR 60 Subpart IIII, for compression ignition engines. No further requirements apply for such engines under 40 CFR 63 Subpart ZZZZ.
Facility-wide	5. The Permittee is subject to, and has stated in their Operating Permit application, TR#138840, that the Permittee is in compliance with the requirements of 40 CFR 82: Protection of Stratospheric Ozone. These requirements are applicable to this facility and the United States Environmental Protection Agency enforces these requirements.
	6. As stated in Final Approvals MBR-95-COM-042, MBR-95-COM-044, MBR-95-COM-048, MBR-95-COM-051, MBR-95-COM-053, MBR-98-COM-007, MBR-99-COM-002, and MBR-03-COM-014 the Permittee shall operate the facility in such a manner as to prevent the occurrence of noise, dust and odor, and/or visible emissions from the facility, which cause or contribute to a condition of air pollution. That should any nuisance condition(s) be generated by the operation of this facility, including but not limited to noise, dust and odor, and/or visible emissions, then appropriate steps will immediately be taken by the Permittee to abate said nuisance condition(s) (State Only 310 CMR 7.01(1)).
	7. As stated in Approval MBR-98-COM-007 and Approval MBR-99-COM-002, any net NO_x emissions increase occurring over a period of five consecutive calendar years which equates to 25 or more tons of NO_x shall become subject to Nonattainment Review, as per the requirements of 310 CMR 7.00: Appendix A.
	8. Per data as supplied through the Permittee's Operating Permit Renewal application (MBR-96-OPP-001R, Transmittal No. X229432), all EUs shall continue to emit products of combustion through stacks with the following parameters:

Table 8.

Special Terms and Conditions

EMISSION UNIT	STACK HEIGHT (Feet)	STACK EXIT DIAMETER (Feet)	STACK MATERIAL
EU04, EU05, EU06, EU07, EU08	300	4	Refractory Lined
EU11	90	2	steel
EU12	90	2	steel
EU13	90	2	Steel
EU14	160	2	Steel
EU15	160	1.25	metal
EU17, EU18, EU19, EU20, EU21 (common stack)	241	4	Refractory Lined
EU1007	80	4 x 4	Cement
EU1027, EU1047, EU1048	110	2	Refractory Lined
EU1114, EU1115	80	2	Refractory Lined
EU1120, EU1121, EU1122	82	2	Refractory Lined
EU1129, EU1130	80	2	Steel
EU1168	75	2 x 2	Brick
EU1178	80	2	Brick
EU1198, EU1199 (common stack)	85	1.7	Refractory Lined
EU1201, EU1202, EU1203	10 feet above roof	1.8	metal
EU1205	85	2	Refractory Lined
EU1206, EU1207, EU1208 (3 individual stacks)	160	2	Metal
EU1216, EU1217, EU1218	60	2 x 1	Brick
EU1221	80	2	Brick
EU1228	85	2	Brick
EU1229, EU1230	85	2	Brick
EU1235	85	2	Brick
EU1237, EU1238	150	2	Refractory Lined
EU1240, EU1241	80	2	Refractory Lined
EU1247, EU1248	54	2	Refractory Lined
EU1262	40	2	Refractory Lined
EU1283	80	1	Refractory Lined
EU1299	80	1	Metal
EU1312	54	0.7	Metal
EU1313	54	1	Metal
EU1314	241	4	Refractory Lined

Table 8.	
Special Terms and Conditions	
Facility-wide	9. The Permittee has indicated that it is subject to, and complying with, the requirements of 310 CMR 7.16, U Reduction of Single Occupant Commuter Vehicle Use. The Permittee shall continue to comply with 310 CMR 7.16.
	10. In accordance with Final Approval MBR-98-COM-007 and Final Approval MBR-99-COM-002, BU shall allow Department personnel access to the site, buildings, and all pertinent records at all reasonable times for the purpose of making inspections and surveys, collecting samples, obtaining data, and reviewing records.

6. ALTERNATIVE OPERATING SCENARIOS

Table 9.
Alternative Operating Scenarios
The Permittee did not request alternative operating scenarios in its Operating Permit application.

7. EMISSIONS TRADING

Table 10.
Emissions Trading
(a) Intra-facility emissions trading The Permittee did not request intra-facility emissions trading in its Operating Permit application.
(b) Inter-facility emissions trading The Permittee did not request inter-facility emissions trading in its Operating Permit application.

8. COMPLIANCE SCHEDULE

The Permittee has indicated that the facility is in compliance and shall remain in compliance with the applicable requirements contained in Sections 4 and 5. In addition, the Permittee shall comply with any applicable requirements that become effective during the permit term.

GENERAL CONDITIONS FOR OPERATING PERMIT

9. FEES

The Permittee has paid the permit application processing fee and shall pay the annual compliance fee in accordance with the fee schedule pursuant to 310 CMR 4.00.

10. COMPLIANCE CERTIFICATION

All documents submitted to the MassDEP shall contain certification by the responsible official of truth, accuracy, and completeness. Such certification shall be in compliance with 310 CMR 7.01(2) and contain the following language:

"I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

The "Operating Permit Reporting Kit" contains instructions and the Annual Compliance Report and Certification and the Semi-Annual Monitoring Summary Report and Certification. The "Operating Permit Reporting Kit" is available to the Permittee via the MassDEP's web site, http://www.mass.gov/dep/air/approvals/aqforms.htm#op.

A. Annual Compliance Report and Certification

The Responsible Official shall certify, annually for the calendar year, that the facility is in compliance with the requirements of this Operating Permit. The report shall be postmarked or delivered by January 30 to the MassDEP and to the Regional Administrator, U.S. Environmental Protection Agency - New England Region. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

1) the terms and conditions of the Permit that are the basis of the certification;
2) the current compliance status and whether compliance was continuous or intermittent during the reporting period;
3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods; and
4) any additional information required by the MassDEP to determine the compliance status of the source.

B. Semi-Annual Monitoring Summary Report and Certification

The Responsible Official shall certify, semi-annually on the calendar year, that the facility is in compliance with the requirements of this Permit. The report shall be postmarked or delivered by January 30 and July 30 to the MassDEP. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

1) the terms and conditions of the Permit that are the basis of the certification;
2) the current compliance status during the reporting period;
3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods;
4) whether there were any deviations during the reporting period;
5) if there are any outstanding deviations at the time of reporting, and the Corrective Action Plan to remedy said deviation;
6) whether deviations in the reporting period were previously reported;
7) if there are any outstanding deviations at the time of reporting, the proposed date of return to compliance;
8) if the deviations in the reporting period have returned to compliance and date of such return to compliance; and
9) any additional information required by the MassDEP to determine the compliance status of the source.

11. NONCOMPLIANCE

Any noncompliance with a permit condition constitutes a violation of 310 CMR 7.00: Appendix C and the Clean Air Act, and is grounds for enforcement action, for Permit termination or revocation, or for denial of an Operating Permit renewal application by the MassDEP and/or EPA. Noncompliance may also be grounds for assessment of administrative or civil penalties under M.G.L. c.21A, §16 and 310 CMR 5.00; and civil penalties under M.G.L. c.111, §142A and 142B. This Permit does not relieve the Permittee from the obligation to comply with any other provisions of 310 CMR 7.00 or the Act, or to obtain any other necessary authorizations from other governmental agencies, or to comply with all other applicable Federal, State, or Local rules and regulations, not addressed in this Permit.

12. PERMIT SHIELD

A. This facility has a permit shield provided that it operates in compliance with the terms and conditions of this Permit. Compliance with the terms and conditions of this Permit shall be deemed compliance with all applicable requirements specifically identified in Sections 4, 5, 6, and 7, for the emission units as described in the Permittee's application and as identified in this Permit. Where there is a conflict between the terms and conditions of this Permit and any earlier approval or Permit, the terms and conditions of this Permit control.

B. The MassDEP has determined that the Permittee is not currently subject to the requirements listed in Section 4, Table 7.

C. Nothing in this Permit shall alter or affect the following:

1) the liability of the source for any violation of applicable requirements prior to or at the time of Permit issuance.

2) the applicable requirements of the Acid Rain Program, consistent with 42 U.S.C. §7401, §408(a); or

3) the ability of EPA to obtain information under 42 U.S.C. §7401, §114 or §303 of the Act.

13. ENFORCEMENT

The following regulations found at 310 CMR 7.02(8)(h) Table 6 for wood fuel, 7.04(9), 7.05(8), 7.09 (odor), 7.10 (noise), 7.18(1)(b), 7.21, 7.22, 7.70 and any condition(s) designated as "state only" are not federally enforceable because they are not required under the Act or under any of its applicable requirements. These regulations and conditions are not enforceable by the EPA. Citizens may seek equitable or declaratory relief to enforce these regulations and conditions pursuant to Massachusetts General Law Chapter 214, Section 7A

All other terms and conditions contained in this Permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the MassDEP, EPA and citizens as defined under the Act.

A Permittee shall not claim as a defense 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.

14. PERMIT TERM

This Permit shall expire on the date specified on the cover page of this Permit, which shall not be later than the date 5 years after issuance of this Permit.

Permit expiration terminates the Permittee's right to operate the facility's emission units, control equipment or associated equipment covered by this Permit, unless a timely and complete renewal application is submitted at least 6 months before the expiration date.

15. PERMIT RENEWAL

Upon the MassDEP’s receipt of a complete and timely application for renewal, this facility may continue to operate subject to final action by the MassDEP on the renewal application.

In the event the MassDEP has not taken final action on the Operating Permit renewal application prior to this Permit's expiration date, this Permit shall remain in effect until the MassDEP takes final action on the renewal application, provided that a timely and complete renewal application has been submitted in accordance with 310 CMR 7.00: Appendix C(13).

16. REOPENING FOR CAUSE

This Permit may be modified, revoked, reopened, and reissued, or terminated for cause by the MassDEP and/or EPA. The responsible official of the facility may request that the MassDEP terminate the facility's Operating Permit for cause. The MassDEP will reopen and amend this Permit in accordance with the conditions and procedures under 310 CMR 7.00: Appendix C(14).

The filing of a request by the Permittee for an Operating Permit revision, revocation and reissuance, or termination, or a notification of a planned change or anticipated noncompliance does not stay any Operating Permit condition.

17. DUTY TO PROVIDE INFORMATION

Upon the MassDEP's written request, the Permittee shall furnish, within a reasonable time, any information necessary for determining whether cause exists for modifying, revoking and reissuing, or terminating the Permit, or to determine compliance with the Permit. Upon request, the Permittee shall furnish to the MassDEP copies of records that the Permittee is required to retain by this Permit.

18. DUTY TO SUPPLEMENT

The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The Permittee shall also provide additional information as necessary to address any requirements that become applicable to the facility after the date a complete renewal application was submitted but prior to release of a draft permit.

The Permittee shall promptly, on discovery, report to the MassDEP a material error or omission in any records, reports, plans, or other documents previously provided to the MassDEP.

19. TRANSFER OF OWNERSHIP OR OPERATION

This Permit is not transferable by the Permittee unless done in accordance with 310 CMR 7.00: Appendix C(8)(a). A change in ownership or operation control is considered an administrative permit amendment if no other change in the Permit is necessary and provided that a written agreement containing a specific date for transfer of Permit responsibility, coverage and liability between current and new Permittee, has been submitted to the MassDEP.

20. PROPERTY RIGHTS

This Permit does not convey any property rights of any sort, or any exclusive privilege.

21. INSPECTION AND ENTRY

A. Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the MassDEP, and EPA to perform the following:

B. enter upon the Permittee's premises where an operating permit source activity is located or emissions-related activity is conducted, or where records must be kept under the conditions of this Permit;

C. have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

D. inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and

E. Sample or monitor at reasonable times any substances or parameters for the purpose of assuring compliance with the Operating Permit or applicable requirements as per 310 CMR 7.00 Appendix C(3)(g)(12).

22. PERMIT AVAILABILITY

The Permittee shall have available at the facility, at all times, a copy of the materials listed under 310 CMR 7.00: Appendix C(10)(e) and shall provide a copy of the Operating Permit, including any amendments or attachments thereto, upon request by the MassDEP or EPA.

23. SEVERABILITY CLAUSE

The provisions of this Permit are severable, and if any provision of this Permit, or the application of any provision of this Permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit, shall not be affected thereby.

24. EMERGENCY CONDITIONS

The Permittee shall be shielded from enforcement action brought for noncompliance with technology based[1] emission limitations specified in this Permit as a result of an emergency[2]. In order to use emergency as an

[1] Technology based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain health based air quality standards.

[2] An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation would require immediate corrective action to restore normal operation, and that causes the source to exceed a technology based limitation under the Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operations, operator error or decision to keep operating despite knowledge of any of these things.

affirmative defense to an action brought for noncompliance, the Permittee shall demonstrate the affirmative defense through properly signed, contemporaneous operating logs, or other relevant evidence that:

A. an emergency occurred and that the Permittee can identify the cause(s) of the emergency;

B. the permitted facility was at the time being properly operated;

C. during the period of the emergency, the Permittee took all reasonable steps as expeditiously as possible, to minimize levels of emissions that exceeded the emissions standards, or other requirements in this Permit; and

D. the Permittee submitted notice of the emergency to the MassDEP within two (2) business days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emission, and corrective actions taken.

If an emergency episode requires immediate notification to the Bureau of Waste Site Cleanup/Emergency Response, immediate notification to the appropriate parties should be made as required by law.

25. PERMIT DEVIATION

Deviations are instances where any permit condition is violated and not reported as an emergency pursuant to section 24 of this Permit. Reporting a permit deviation is not an affirmative defense for action brought for noncompliance. Any reporting requirements listed in Table 6. of this Operating Permit shall supersede the following deviation reporting requirements, if applicable.

The Permittee shall report to the MassDEP's Regional Bureau of Waste Prevention the following deviations from permit requirements, by telephone, fax or electronic mail (e-mail) , within three (3) days of discovery of such deviation:

A. Unpermitted pollutant releases, excess emissions or opacity exceedances measured directly by CEMS/COMS, by EPA reference methods or by other credible evidence, which are ten percent (10%) or more above the emission limit.

B. Exceedances of parameter limits established by your Operating Permit or other approvals, where the parameter limit is identified by the Permit or approval as surrogate for an emission limit.

C. Exceedances of Permit operational limitations directly correlated to excess emissions.

D. Failure to capture valid emissions or opacity monitoring data or to maintain monitoring equipment as required by statutes, regulations, your Operating Permit, or other approvals.

E. Failure to perform QA/QC measures as required by your Operating Permit or other approvals for instruments that directly monitor compliance.

For all other deviations, three (3) day notification is waived and is satisfied by the documentation required in the subsequent Semi-Annual Monitoring Summary and Certification. Instructions and forms for reporting deviations are found in the MassDEP Bureau of Waste Prevention Air Operating Permit Reporting Kit, which is available to the Permittee via the MassDEP's web site,

http://www.mass.gov/dep/air/approvals/aqforms.htm#op .
This report shall include the deviation, including those attributable to upset conditions as defined in the Permit, the probable cause of such deviations, and the corrective actions or preventative measures taken.

Deviations that were reported by telephone, fax or electronic mail (e-mail) within 3 days of discovery, said deviations shall also be submitted in writing via the Operating Permit Deviation Report to the regional Bureau of Waste Prevention within ten (10) days of discovery. For deviations, which do not require 3-day verbal notification, follow-up reporting requirements are satisfied by the documentation required in the aforementioned Semi-Annual Monitoring Summary and Certification.

26. OPERATIONAL FLEXIBILITY

The Permittee is allowed to make changes at the facility consistent with 42 U.S.C. §7401, §502(b)(10) not specifically prohibited by the Permit and in compliance with all applicable requirements provided the Permittee gives the EPA and the MassDEP written notice fifteen days prior to said change; notification is not required for exempt activities listed at 310 CMR 7.00: Appendix C(5)(h) and (i). The notice shall comply with the requirements stated at 310 CMR 7.00: Appendix C(7)(a) and will be appended to the facility's Permit. The permit shield allowed for at 310 CMR 7.00: Appendix C(12) shall not apply to these changes.

27. MODIFICATIONS

A. Administrative Amendments - The Permittee may make changes at the facility which are considered administrative amendments pursuant to 310 CMR 7.00: Appendix C(8)(a)1., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(b).

B. Minor Modifications - The Permittee may make changes at the facility which are considered minor modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)2.,provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(d).

C. Significant Modifications - The Permittee may make changes at the facility which are considered significant modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)3., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(c).

D. No permit revision shall be required, under any approved economic incentives program, marketable permits program, emission trading program and other similar programs or processes, for changes that are provided in this Operating Permit. A revision to the Permit is not required for increases in emissions that are authorized by allowances acquired pursuant to the Acid Rain Program under Title IV of the Act, provided that such increases do not require an Operating Permit revision under any other applicable requirement.

28. OZONE DEPLETING SUBSTANCES

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

A. The Permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

1) All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR 82.106.

2) The placement of the required warning statement must comply with the requirements of 40 CFR 82.108.

3) The form of the label bearing the required warning statement must comply with the requirements of 40 CFR 82.110.

4) No person may modify, remove or interfere with the required warning statement except as described in 40 CFR 82.112.

B. The Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVAC) in Subpart B:

1) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices of 40 CFR 82.156.

2) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment of 40 CFR 82.158.

3) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

4) Persons disposing of small appliances, MVACs and MVAC-like appliances (as defined in 40 CFR 82.152) must comply with recordkeeping requirements of 40 CFR 82.166.

5) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair equipment requirements of 40 CFR 82.156.

6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

C. If the Permittee manufactures, transforms, imports or exports a class I or class II substance, the Permittee is subject to all the requirements as specified in 40 CFR Part82, Subpart A, "Production and Consumption Controls".

D. If the Permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners". The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo or system used on passenger buses using HCFC-22 refrigerant.

E. The Permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, "Significant New Alternatives Policy Program".

29. PREVENTION OF ACCIDENTAL RELEASES

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

Your facility is subject to the requirements of the General Duty Clause, under 112(r)(1) of the CAA Amendments of 1990. This clause specifies that owners or operators of stationary sources producing, processing, handling or storing a chemical in any quantity listed in 40 CFR Part 68 or any other extremely hazardous substance have a general duty to identify hazards associated with these substances and to design, operate and maintain a safe facility, in order to prevent releases and to minimize the consequences of accidental releases which may occur.

APPEAL CONDITIONS FOR OPERATING PERMIT

This Permit is an action of the MassDEP. If you are aggrieved by this action, you may request an adjudicatory hearing within 21 days of issuance of this Permit. In addition, any person who participates in any public participation process required by the Federal Clean Air Act, 42 U.S.C. §7401, §502(b)(6) or under 310 CMR 7.00: Appendix C(6), with respect to the MassDEP's final action on operating permits governing air emissions, and who has standing to sue with respect to the matter pursuant to federal constitutional law, may initiate an adjudicatory hearing pursuant to Chapter 30A, and may obtain judicial review, pursuant to Chapter 30A, of a final decision therein.

If an adjudicatory hearing is requested, the facility must continue to comply with all existing federal and state applicable requirements to which the facility is currently subject, until a final decision is issued in the case or the appeal is withdrawn. During this period, the application shield shall remain in effect, and the facility shall not be in violation of the Act for operating without a Permit.

Under 310 CMR 1.01(6)(b), the request must state clearly and concisely the facts which are the grounds for the request, and the relief sought. Additionally, the request must state why the Permit is not consistent with applicable laws and regulations.

The hearing request along with a valid check payable to The Commonwealth of Massachusetts in the amount of one hundred dollars ($100.00) must be mailed to:

The Commonwealth of Massachusetts
Department of Environmental Protection
P.O. Box 4062
Boston, MA 02211

The request will be dismissed if the filing fee is not paid unless the appellant is exempt or granted a waiver as described below.

The filing fee is not required if the appellant is a city or town (or municipal agency) county, or district of the Commonwealth of Massachusetts, or a municipal housing authority.

The MassDEP may waive the adjudicatory hearing filing fee for a person who shows that paying the fee will create an undue financial hardship. A person seeking a waiver must file, together with the hearing request as provided above, an affidavit setting forth the facts believed to support the claim of undue financial hardship.