

Attachment 1
International Waxes, Inc.
Farmers Valley, PA

RACT III Applicability Evaluation & Notification - NOx Sources

Source ID	Source Name	Make / Model	Physical Location (i.e., Building #, Plant #)	Heat Input Rating (MMBTU/hr)	Fuel Type	NOx Potential to Emit (tons/yr)	Requirement or Emission Limitation Established per 129.111(a)(1),(2) (Y/N)?	Subject Emission
031A	Boiler 1	Babcock & Wilcox / Type E	Boiler House	99	Primary: Natural Gas Secondary: # 5 Oil	45.79	N	
032A	Boiler 2	Babcock & Wilcox	Boiler House	82.8	Primary: Natural Gas Secondary: # 5 Oil	38.30	N	
035	Boiler 5	Nebraska Boiler Company / NOS-2A-67	Boiler House	99	Primary: Natural Gas Secondary: # 5 Oil	47.92	N	
036	Boiler 6	Babcock & Wilcox / FM 101- 88	Boiler House	90.93	Primary: Natural Gas Secondary: # 5 Oil	22.34	N	New source
043A	Rerun Unit Charge Heater	Econo-Therm Corp. / Vertical - All Radiant	Crude Unit	2.6	Natural Gas	1.14	N	
044	Crude Unit Vacuum Heater	Not available	Crude Unit	8.7	Natural Gas	3.81	N	
048	Resin Heater	Not available	PDA	1.2	Natural Gas	0.53	N	
102	No. 2 Earth Burner	Nichols Herreschoff Co. - Not available	Filter House	4.3	Natural Gas	1.88	N	
150	Diesel Fire Pump 1 (400 HP)	Cummins Diesel / NTA-855F	Fire Pump House	400 BHP	# 2 Oil	1.10	N	

150A	Diesel Fire Pump 2 (350 HP)	Cummins / CFP9E-F50	Fire Pump House	350 BHP	# 2 Oil	0.58	N
150B	Aggreko Diesel Air Compressor (270 HP)	Aggreko / OFC-809	Compressor Building	270 BHP	# 2 Oil	0.72	N
150C	Boiler House Generator (550 HP)	Detroit Diesel / S60, 606HV35	Boiler House	550 BHP	# 2 Oil	0.91	N
150D	New Fire Pump #3 Engine John Deere 510 HP	John Deere / JX6H-UFAD60	New Fire Pump House	510 BHP	# 2 Oil	0.84	N
150E	New Fire Pump #4 Engine John Deere 510 HP	John Deere / JX6H-UFAD60	New Fire Pump House	510 BHP	# 2 Oil	0.84	N
301	Propane Derisiner Unit	Not available	PDA Unit	7.0	Natural Gas	3.07	N
C04	Crude Unit Flare	Not available	Waste Water Treatment Plant	0.135	Natural Gas	0.06	N
C08	Propane Flare	John Zink / Not available	PDA Unit	0.135	Natural Gas	0.06	N
Total						169.88	

Notes:

1. MS and GOP = Manufacturers Specification and Good Operating Practices (§129.112(c)).

2. Notification items required by new RACT regulation which are tabulated above include:

129.111(a)(1) Sources and facilities that commenced operation on or before August 3, 2018 for which a requirement or emission limitation **has not been established** in 129.51, 129.52(a) - (k) and Table 1 categories 1 - 11, 129.52a - 129.52e, 129.54 - 129.63a, 129.64 - 129.69, 129.71 - 129.75, 129.77, and 129.101 - 129.107

- 129.111(a)(2) Sources and facilities that commenced operation on or before August 3, 2018 for which a requirement or emission limitation ~~has been established~~ in 129.51-129.52(a) - (k) and Table 1 categories 1 - 11, 129.52a - 129.52e, 129.54 - 129.63a, 129.64 - 129.69, 129.71 - 129.75, 129.77, and 129.101 - 129.107
- 129.111(a)(3) Identify and list exempt sources - PTE < 1 tpy NOx or PTE < 1 tpy VOC
- 129.115(a)(2) Identify air contamination sources in 129.111(a) as one of the following:
(i) subject to a RACT requirement or emission limitation in 129.112- 129.114
(ii) Exempted from 129.112 - 129.114
- 129.115(a)(5) The following information for each contamination source listed in 129.115(a)(2):
(i) a description, including make, model, and location of each source
(ii) the applicable RACT requirement or RACT emission limitation (or both) in 129.112 - 129.114 for each source associated with 129.115(a)(2)(i)
(iii) how the owner / operator shall comply with subparagraph (ii) for each source listed in subparagraph (i)
(iv) the reason why the source is exempt from RACT requirements / RACT emission limitations in 129.112 - 129.114 for each source listed in accordance with 129.115(a)(2)(ii) - exempt sources
- 129.115(a)(7) The following information for each air contamination sources listed in 129.115(a)(4) - PTE <1 tpy NOx or PTE < 1 tpy VOC
(i) a description, including make, model, and location of each source
(ii) information sufficient to demonstrate that the source has a potential to emit less than 1 tpy NOx or less than 1 tpy VOC, as applicable