

Statement of Basis For Title V Permit

Version 2. - 3/27/98

Company Name	Sterling Foundry, Inc.		
Premise Number	02-47-17-0008		
Number of Non-insignificant Emissions Units	16		
What makes this facility a Title V facility?	Potential to Emit Particulate Emissions is greater than 100 TPY		
Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)?	Yes		

Part II (State and Federally Enforceable Requirements)			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
n/a			

- **Instructions for Part II:**

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. Whether the basis for the term and condition is the "SIP" or "Other," an explanation of each term and condition in Part II must be provided in the "Comments" section.

- If there were any "common control" issues associated with this facility, after the table for Part II, provide a summary of those issues and explain how the DAPC decided to resolve them.

Part III (Requirements Within the State & Federally Enforceable Section)

EU(s)	Limitation	Basis		OR	M	R	Rp	ET	Misc	Comments
		SIP (3745-)	Other							
F001	None	N	N	N	N	N	N	N	N	M,R,Rp,ET — No federally enforceable rules apply to this emissions unit
F004	None	N	N	Y	Y	Y	Y	N	N	ET - Based on AP-42 emission factors. OR - Use of Sigmat box when producing ductile iron to prevent a public nuisance.
F008	1.1 lb/hr of PE	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R, Rp - Limit based on potential to emit without controls ET - Based on AP-42 emission factors
F008	4.8 TPY of PE	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R, Rp - Limit based on potential to emit without controls
F008	20% opacity as a 3-minute average	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R, Rp - None; a small source of PE ET - If required, Method 9
F008	8 lbs of OC per hr. and 40 lbs of OC per day	N	Y	N	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3)
F008	7.3 TPY of OC	N	Y	N	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3)
F009	1.0 lb/hr of PE	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R, Rp - Limit based on potential to emit without controls ET - Based on AP-42 emission factors
F009	4.8 TPY of PE	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R,Rp - Limit based on PTE without controls
F009	20% opacity as a 3-minute average	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R, Rp - None, a small source of PE ET - If required, Method 9
F009	8 lbs of OC per hr. and 40 lbs of OC per day	21-07(G)(2)	N	N	Y	Y	Y	N	N	
F009	7.3 TPY of OC	N	Y	N	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3)
F010	0.47 lb/hr PE	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R, Rp - Limit based on potential to emit without controls ET - Based on AP-42 emission factors
F010	2.1 TPY of PE	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R,Rp - Limit based on PTE without controls

F010	20% opacity as 3-minute average	N	Y	N	N	N	N	N	N	Basis - OAC rule 3745-31-05(A)(3) M, R, Rp - None; a small source of PE ET - If required, Method 9
F010	8 lbs of OC per hr. and 40 lbs of OC per day	21-07(G)(2)	N	N	Y	Y	Y	N	N	
F010	7.3 TPY of OC	N	Y	N	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3)
F011	20% opacity as a 3-minute average	N	Y	N	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) ET - Method 9, if required
F011	14.19 TPY of PE	N	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) OR - Restricts hours of operation ET - AP42 emission factor and record keeping requirements
F011	0.52 TPY of Pb	N	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) OR - Restricts hours of operation ET - AP42 emission factor and record keeping requirements
F012	None	N	N	N	N	N	N	N	N	M, R, Rp, ET - No federally enforceable rules apply.
F013	None	N	N	N	N	N	N	N	N	M, R, Rp, ET - No federally enforceable rules apply.
K002	20% opacity as a 6-minute average	17-07	N	Y	Y	Y	Y	N	N	OR - Water wash operation
K002	no more than 3 gallons of coatings per day	21-09 (U)(2)(e) (ii)	N	N	Y	Y	Y	N	N	ET - record keeping
K002	1.4 lbs per hr of PE	17-11	N	Y	Y	Y	Y	N	N	OR - Water wash operation
P001	13.5 lbs per hr of PE	17-11(B)(1)	N	Y	Y	Y	Y	Y	N	OR - Maintain a specified pressure drop across baghouse
P001	20% opacity as a six-minute average	17-07 (A)(1)	N	Y	Y	Y	Y	N	N	OR - Maintain a pressure drop across baghouse ET - If required, Method 9
P005	5.3 lbs per hr of PE	17-11 (B)(1)	N	Y	Y	Y	Y	N	N	OR - Maintain a pressure drop across baghouse
P005	20% opacity as a six-minute average	17-07 (A)(1)	N	Y	Y	Y	Y	N	N	OR - Maintain a pressure drop across baghouse ET - If required, Method 9
P006	11.4 lbs per hr of PE	17-11 (B)(1)	N	Y	Y	Y	Y	N	N	OR - Maintain a pressure drop across baghouse

P006	20% opacity as a six-minute average	17-07 (A)(1)	N	Y	Y	Y	Y	N	N	OR - Maintain a pressure drop across baghouse ET - If required, Method 9
P008	14.9 lbs per hr of PE	17-11 (B)(1)	N	Y	Y	Y	Y	Y	N	OR - Maintain a pressure drop across baghouse
P008	20% opacity as a six-minute average	17-07 (A)(1)	N	Y	Y	Y	Y	N	N	OR - Maintain a pressure drop across baghouse ET - If required, Method 9
P009	10.3 lbs per hr of PE	17-11 (B)(1)	N	Y	Y	Y	Y	N	N	OR - maintain pressure drop across baghouse
P009	20% opacity as a 6-minute average	17-07 (A)(1)	N	Y	Y	Y	Y	N	N	OR - maintain pressure drop across baghouse ET - If required, Method 9
P010	4.9 lbs per hr of PE	17-11	N	N	Y	Y	Y	N	N	
P010	20% opacity as a 6-minute average	17-07	N	N	Y	Y	Y	N	N	ET - If required, Method 9
T001	None	N	N	N	Y	Y	Y	N	N	ET - Emissions factors

EU = emissions unit id

OR = operational restriction

M = monitoring requirements

R = recordkeeping requirements

Rp = reporting requirements

ET = emission testing requirements (not including compliance method terms)

Misc = miscellaneous requirements

• **Instructions for Part III:**

- All non-insignificant EUs must be included in this table. For each EU, or group of similar EUs, each emission limitation and control requirement specified in section A.I.1 and A.I.2 of the permit must be identified and the remainder of the table completed.
- If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. If the basis for the term and condition is "Other," an explanation of the basis must be provided in the "Comments" section.

To complete the remainder of the table after "Basis," except for the "Comments" section, simply specify a "Y" for yes or an "N" for no. For the "M", "R", "Rp" and "ET" columns, if "N" is specified, there should be a brief explanation in the "Comments" section as to why there are no requirements. Also, if a "Y" is noted under "OR" or "Misc," an explanation of the requirements should be provided in the "Comments" section. In addition to a general explanation of the "OR" and/or "Misc," the following should be provided:

1. For an operational restriction, clarify if appropriate monitoring, recordkeeping, reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
2. If a control plan and schedule is included in the “Miscellaneous Requirements” section of the permit, provide an explanation in the “Comments” section of the violation, basis for the violation, and the company’s proposed control plan and schedule.
3. If superseding language is included in the “Miscellaneous Requirements” section of the permit, explain which requirements are being superseded and which requirements are being superseded on the State-only side of the permit and why they are on the State-only side.

An explanation is not required if an “N” is noted in the “OR” column or in the “Misc” column.

- Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in a paragraph following the table for Part III.