

# Statement of Basis For Title V Permit

Version 2. - 3/27/98

Company Name	Morton Salt Division of Morton International, Inc.		
Premise Number	02 85 02 0059		
Number of Non-insignificant Emissions Units	25		
What makes this facility a Title V facility?	PM, SO2, NOx, CO		
Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)?	Yes		

<b>Part II (State and Federally Enforceable Requirements)</b>			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745- )	Other	

- **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							
B001	0.02 lb PE/MMBtu/HR	17-10		Y	Y	Y	Y	Y	N	OR - Combust only natural gas
B001	20% opacity	17-07		Y	Y	Y	Y	Y	N	OR - Combust only natural gas
B001, B004	Combust only natural gas		40 CFR 60 Sp Dc	Y	Y	Y	Y	N	N	OR - Compliance with Subpart Dc by combusting only natural gas
B001	0.46 lb PE /hr & 2.0 TPY; 4.7 lbs NOx/hr & 20.5 TPY; 1.17 lbs CO/hr & 5.1 TPY;	-31-05		N	Y	Y	Y	Y	N	
B002 & B003	20% opacity	-17-07		N	Y	Y	Y	Y	N	
B002 & B003	0.22 lb PM/MM Btu	-17-10		N	Y	Y	Y	Y	N	
B002 & B003	7.0 lbs SO2/MM Btu	-18-91 (F)		Y	Y	Y	Y	Y	N	OR - coal content sufficient to comply with limit
B004	0.02 lb PE/MM Btu	-17-10		Y	Y	Y	Y	N	N	No testing required
B004	VE less than 10% except startup less than 20%	-31-05		N	Y	Y	Y	Y	N	

B004	1.17 lb/hr & 2.34 TPY PE; 10.83 lb.hr & 21.66 TPY NOx; 2.71 lb/hr & 5.42 TPY CO; 0.05 lb/hr & 0.1 TPY SO2	-31-05		N	Y	Y	Y	Y	N	
B004, P028	See Comment	-17-07		N	N	N	N	N	N	Less stringent than the requirements in n OAC rule 3745-31-05
B004	less than 4000 operating hrs per rolling 12-months	-31-05		Y	Y	Y	Y	Y	N	requirement is an operational restriction.
P002, P009, P010, P013, P014, P019	See Comment	-17-11		N	N	N	N	N	N	Less stringent than the requirements in 40 CFR 60 Subpart OOO
P002, P009, P010, P013, P014, P019	See Comment	-17-07		N	N	N	N	N	N	Less stringent than the requirements in 40 CFR 60 Subpart OOO
P009, P010, P013, P014	See Comment	-31-05		N	N	N	N	N	N	Less stringent than the requirements in 40 CFR 60, Subpart OOO
P002, P009, P010, P013, P014, P019	0.05 g/dscm; 7 % VE; & no VEs from belt or el transfer point		40 CFR 60 Subpart OOO	Y	Y	Y	Y	Y	N	OR - require a device to measure pressure differential across control device

P002	1.17 lbs PE/hr	-31-05		Y	Y	Y	Y	Y	N	OR - require a device to measure pressure differential across control device
P003, P007, P008, P011, P016, Z002, Z012, Z013, Z014, Z015, Z016, Z017, Z018	20% opacity	-17-07		Y	Y	Y	Y	Y	N	OR - establish pressure differential across control device
P003, P004, P011, P016, P028	See Comment	-17-11		N	N	N	N	N	N	Less stringent than the requirements in OAC rule 3745-31-05
P003, P011, P016, P028	0.02 gr/dscf	-31-05		Y	Y	Y	Y	Y	N	OR - establish pressure differential across control device
P004	1,728,000 gpday & 605 MM gpy brine flow	-31-05		Y	N	Y	Y	N	N	OR - limit is an operating restriction Testing and monitoring covered in record keeping and reporting
P004	5.1 mg/l H2S removed	-31-05		Y	N	Y	Y	N	N	OR - limit is an operating restriction Testing and monitoring covered in record keeping and reporting
P004	3.07 lbs/hour hydrogen sulfide	-31-05		N	Y	Y	Y	Y	N	
P007	10.9 lbs PE/hr	-17-11		Y	Y	Y	Y	Y	N	OR - establish pressure differential across control device
P008	24 lbs PE/hr	-17-11		Y	Y	Y	Y	Y	N	OR - establish pressure differential across control device
P019	1.44 lb PE/hr	-31-05		Y	Y	Y	Y	Y	N	OR - establish pressure differential across control device

P028	1.0 lb PE/hr, no opacity	-31-05		Y	Y	Y	Y	Y	N	OR - establish pressure differential across control device
Z002	13.4 lbs PE/hr	-17-11		Y	Y	Y	Y	Y	N	OR - establish pressure differential across control device
Z012, Z013, Z014	75.0 lbs PE/hr	-17-11		N	Y	Y	Y	Y	N	
Z015	14.6 lbs PE/hr	-17-11		N	Y	Y	Y	Y	N	
Z016, Z017, Z018	less than 10 lbs PE/hr	-17-11		N	Y	Y	Y	Y	N	
P002, P003, P007, P008, P009, P010, P011, P013, P014, P016, P019, P028, Z002, Z012, Z013, Z014, Z015, Z016, Z017, Z018	See comment	17-08		N	N	N	N	N	N	Not subject to the requirements of the rule, as facility not located in an Appendix A area, per OAC rule 3745-17-08 (A)(1).

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.