

Statement of Basis For Title V Permit

Company Name	Trutec Industries, Inc.	
Premise Number	0812100458	
Number of Non-insignificant Emissions Units	20	
What makes this facility a Title V facility?	HAPs (trichloroethylene)	
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	

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

EU(s)	Limitation	Basis		OR	M	R	Rp	ET	Misc	Comments
		SIP (3745-)	Other							
L001, L002, and L003 (freeboard ratio, refrigeration device, reduced room draft)	operational and work practice standards	n/a	40 CFR Part 63 Subpart T	Y	Y	Y	Y	Y	N	OR: The degreaser MACT requirements under 40 CFR Part 63.463 apply to this emissions unit. M: The permittee shall monitor the air blanket temperature on a weekly basis and the hoist speed on a monthly basis. R: The permittee shall maintain records of the air blanket temperature, hoist speed, HAP content of the solvent used, annual solvent consumption, and the results of any control device monitoring. Rp: The permittee shall submit an initial notification report, annual operator compliance and solvent usage report, and exceedance reports identifying any exceedances of the wind speed and/or air blanket temperature. ET: The permittee shall conduct initial testing of the wind speed and room parameters. M: There are no miscellaneous requirements.
P001, P002, P003, P004, P024, P026, P027, P028, and P029	visible emissions shall not exceed 20% opacity, as a 6-minute average	17-07 (A)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall burn only natural gas and/or propane. M: The permittee shall monitor the types of fuel burned in this emissions unit. R: The permittee shall maintain records of the type and quantity of any fuel burned other than natural gas and/or propane. Rp: The permittee shall submit deviation reports within 30 days after burning a fuel other than natural gas and/or propane. ET: No emissions testing is required. Compliance is presumed based on the burning of natural gas and/or propane. If required, compliance can also be based upon USEPA Reference Method 9. M: There are no miscellaneous requirements.
P001, P002, P003, P004, P024, P026, P027, P028, and P029	0.020 lb particulate/mmBtu actual heat input	17-10 (B)(1)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall burn only natural gas and/or propane. M: The permittee shall monitor the types of fuel burned in this emissions unit. R: The permittee shall maintain records of the type and quantity of any fuel burned other than natural gas and/or propane. Rp: The permittee shall submit deviation reports within 30 days after burning a fuel other than natural gas and/or propane. ET: No emissions testing is required. Compliance is presumed based on the burning of natural gas and/or propane and the use of AP-42 emission factors. M: There are no miscellaneous requirements.

P001, P002, P003, P004, P009, P024, P026, P027, P028, and P029	use of photo-chemically reactive materials is prohibited	21-07 (G)	n/a	Y	Y	Y	Y	Y	N	<p>OR: The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5) is prohibited.</p> <p>M: The permittee shall monitor the materials used in the quench tank and whether or not it is photochemically reactive.</p> <p>R: The permittee shall maintain monthly records of the materials used in the quench tank and whether or not they are photochemically reactive.</p> <p>Rp: The permittee shall submit deviation reports within 30 days after employing a photochemically reactive material in the quench tank.</p> <p>ET: The organic composition of the materials employed and the photochemical reactivity is based upon the use of formulation data.</p> <p>M: There are no miscellaneous requirements.</p>
P009	visible emissions shall not exceed 20% opacity, as a 6-minute average	17-07 (A)	n/a	Y	Y	Y	Y	N	N	<p>OR: The permittee shall maintain the pH and pressure drop of the packed-bed scrubbers within the specified ranges.</p> <p>M: The permittee shall continuously monitor the pH of the scrubber liquor and the pressure drop across the packed-bed scrubbers.</p> <p>R: The permittee shall continuously record the pH of the scrubber liquor and shall record the pressure drop across the scrubber on an hourly basis.</p> <p>Rp: The permittee shall submit quarterly deviation reports identifying any deviations outside of the specified allowable pH and/or pressure drop ranges.</p> <p>ET: No emission testing is required, compliance is based upon the operation of the scrubbers. Compliance can also be based upon USEPA Reference Method 9.</p> <p>M: There are no miscellaneous requirements.</p>
P009	0.551 lb/hour particulates	17-11 (B)(1)	n/a	Y	Y	Y	Y	N	N	<p>OR: The permittee shall maintain the pH and pressure drop of the packed-bed scrubbers within the specified ranges.</p> <p>M: The permittee shall continuously monitor the pH of the scrubber liquor and the pressure drop across the packed-bed scrubbers.</p> <p>R: The permittee shall continuously record the pH of the scrubber liquor and shall record the pressure drop across the scrubber on an hourly basis.</p> <p>Rp: The permittee shall submit quarterly deviation reports identifying any deviations outside of the specified allowable pH and/or pressure drop ranges.</p> <p>ET: No emission testing is required, compliance is based upon the operation of the scrubbers. If required, compliance can be based upon stack testing in accordance with USEPA Reference Method 5.</p> <p>M: There are no miscellaneous requirements.</p>
P016, P017, P018, and P020	visible emissions shall not exceed 20% opacity, as a 6-minute average	17-07 (A)	n/a	Y	Y	Y	Y	N	N	<p>OR: The permittee shall maintain the pressure drop of the baghouse within the specified range.</p> <p>M: The permittee shall continuously monitor the pressure drop across the baghouse.</p> <p>R: The permittee shall continuously record the pressure drop across the fabric filter on a once per shift basis.</p> <p>Rp: The permittee shall submit quarterly deviation reports identifying any deviations outside of the specified allowable pressure drop range.</p> <p>ET: No emission testing is required, compliance is based upon the operation of the baghouse. If required, compliance can be based upon USEPA Reference Method 9.</p> <p>M: There are no miscellaneous requirements.</p>

P016	6.74 lbs/hour particulate s	17-11 (B)(1)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall maintain the pressure drop of the baghouse within the specified range. M: The permittee shall continuously monitor the pressure drop across the baghouse. R: The permittee shall continuously record the pressure drop across the fabric filter on a once per shift basis. Rp: The permittee shall submit quarterly deviation reports identifying any deviations outside of the specified allowable pressure drop range. ET: No emission testing is required, compliance is based upon the operation of the baghouse. If required, compliance can be based upon stack testing in accordance with USEPA Reference Method 5. M: There are no miscellaneous requirements.
P017	8.65 lbs/hour particulate s	17-11 (B)(1)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall maintain the pressure drop of the baghouse within the specified range. M: The permittee shall continuously monitor the pressure drop across the baghouse. R: The permittee shall continuously record the pressure drop across the fabric filter on a once per shift basis. Rp: The permittee shall submit quarterly deviation reports identifying any deviations outside of the specified allowable pressure drop range. ET: No emission testing is required, compliance is based upon the operation of the baghouse. If required, compliance can be based upon stack testing in accordance with USEPA Reference Method 5. M: There are no miscellaneous requirements.
P018	8.56 lbs/hour particulate s	17-11 (B)(1)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall maintain the pressure drop of the baghouse within the specified range. M: The permittee shall continuously monitor the pressure drop across the baghouse. R: The permittee shall continuously record the pressure drop across the fabric filter on a once per shift basis. Rp: The permittee shall submit quarterly deviation reports identifying any deviations outside of the specified allowable pressure drop range. ET: No emission testing is required, compliance is based upon the operation of the baghouse. If required, compliance can be based upon stack testing in accordance with USEPA Reference Method 5. M: There are no miscellaneous requirements.
P020	6.30 lbs/hour particulate s	17-11 (B)(1)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall maintain the pressure drop of the baghouse within the specified range. M: The permittee shall continuously monitor the pressure drop across the baghouse. R: The permittee shall continuously record the pressure drop across the fabric filter on a once per shift basis. Rp: The permittee shall submit quarterly deviation reports identifying any deviations outside of the specified allowable pressure drop range. ET: No emission testing is required, compliance is based upon the operation of the baghouse. If required, compliance can be based upon stack testing in accordance with USEPA Reference Method 5. M: There are no miscellaneous requirements.

P019, P025, and P030	visible emissions shall not exceed 20% opacity, as a 6-minute average	17-07 (A)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall burn only natural gas. M: The permittee shall monitor the types of fuel burned in this emissions unit. R: The permittee shall maintain records of the type and quantity of any fuel burned other than natural gas. Rp: The permittee shall submit deviation reports within 30 days after burning a fuel other than natural gas. ET: No emissions testing is required. Compliance is presumed based on the burning of natural gas. If required, compliance can also be based upon USEPA Reference Method 9. M: There are no miscellaneous requirements.
P019, P025, and P030	0.020 lb particulate s/mmBtu actual heat input	17-10 (B)(1)	n/a	Y	Y	Y	Y	N	N	OR: The permittee shall burn only natural gas. M: The permittee shall monitor the types of fuel burned in this emissions unit. R: The permittee shall maintain records of the type and quantity of any fuel burned other than natural gas. Rp: The permittee shall submit deviation reports within 30 days after burning a fuel other than natural gas. ET: No emissions testing is required. Compliance is presumed based on the burning of natural gas and the use of AP-42 emission factors. M: There are no miscellaneous requirements.

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