

ATTACHMENT - Facility Information

Safety Components Fabric Technologies, Inc. GCM-1200-0014

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: June 10, 2014

B - FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 30 Emery Street
CITY, STATE, ZIP: Greenville, SC 29605
COUNTY: Greenville

C - EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	Steam Generating Process
02	Slashing Process
03	Finishing Process

D - EQUIPMENT AND CONTROL DEVICES

D.1 - EQUIPMENT FOR EMISSION UNIT 01 - STEAM GENERATING PROCESS

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B1	Boiler No. 1 - 33 Million Btu/hr natural gas/Nos. 2,5 and 6 fuel oil (maximum 2.1% sulfur content by weight) fired Boiler "Limited Use" per 40 CFR63 Subpart JJJJJ	1945 / July 2000	None	B1
B3	Boiler No. 3 - 16.329 million BTU/hr Natural Gas, No. 2 Fuel Oil back-up fired Cleaver Brooks Boiler	2014	None	B3
B4	Boiler No. 4 - 16.329 million BTU/hr Natural Gas, No. 2 Fuel Oil back-up fired Cleaver Brooks Boiler	2014	None	B4

D.2 - EQUIPMENT FOR EMISSION UNIT 02 - SLASHING PROCESS

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
S1	Slasher No. 1 running on PVA sizings, CB sizings, Super Wax S sizing, and Clinton Starch	1978	None	S1
S2	Slasher No. 2 running on PVA sizings, CB sizings, Super Wax S sizing, and Clinton Starch	1978	None	S2
S4	Slasher No. 4 running on PVA sizings, CB sizings, Super Wax S sizing, and Clinton Starch	1992	None	S4
S5	Slasher No. 5 running on PVA sizings, CB sizings, Super Wax S sizing, and Clinton Starch	1982	None	S5

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D.3 - EQUIPMENT FOR EMISSION UNIT 03 –FINISHING PROCESS

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
TF1	11.2 Million Btu/hr natural gas fired Tenter Frame No.1 including padder box	1988	None	TF1A TF1B
TF3	9.0 Million Btu/hr natural gas fired Tenter Frame No. 3 including padder box	1968	CD-FSC1	TF3 FSC1
FC1	2.0 Million Btu/hr natural gas fired Finish Calendar (Indirect Fired Unit)	1965	None	Fugitive

D.4 - CONTROL DEVICE FOR EMISSION UNIT 03 - FINISHING PROCESS

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-FSC1*	5.75 Million Btu/hr natural gas fired Flame Scrubber used as control equipment for TF3 (Voluntary)	1990	PM (oily VOCs displayed as PM)

* This scrubber is used as voluntary control. Regularly scheduled preventive maintenance is being performed on this unit.

E - FACILITY SPECIFIC CONDITIONS

Condition Number	Conditions
E.1	Boilers No. 3 and No. 4 are limited to 700,000 gallon per year, 240 gallons per 3 hours, and 1920 gallons per 24 hours of No. 2 fuel (sulfur content of 0.5 wt%) to comply with S.C. Regulation 61-62.5, Standard No 7. The owner/operator must record fuel usage hourly for each boiler when burning No. 2 fuel oil. Any increase in allowable emission rate must be approved by the Department and may require re-modeling to demonstrate compliance with the above listed standard. Reports of the fuel usage shall be submitted semiannually. This is a State Only requirement.
E.2	This facility requests a federally enforceable condition to classify Boiler No. 1 as a "Limited Use Boiler" per 40 CFR63 Subpart JJJJJ. The facility shall conduct all applicable monitoring, reporting, and recordkeeping requirements in accordance with this Subpart.

RECORD OF REVISIONS

Revision Date	Description of Change
1-29-2015	Updated Attachment Emission Rates for Ambient Air Standards

ATTACHMENT - Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2							
Emission Point ID	Emission Rates (lbs/hr)						
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead	Gaseous Fluorides (as HF)
B1	4.227	2.752	73.119	12.198	2.772	--	--
B3	0.124	0.124	2.844	0.816	1.372	--	--
B4	0.124	0.124	2.844	0.816	1.372	--	--
TF1A	0.085	0.085	0.003	0.56	0.941	--	--
TF1B	0.085	0.085	0.003	0.56	0.941	--	--
TF3	0.068	0.068	0.005	0.900	0.756		
CD-FSC1	0.044	0.044	0.003	0.575	0.483	--	--
EX-H	0.042	0.042	0.003	0.552	0.464	--	--
FC1	0.015	0.015	0.001	0.200	0.168	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	Emission Rates (lbs/hr)				
	Acetic Anhydride 108-24-7	Ethyl Acrylate 140-88-5	Ethyl Benzene 100-41-4	Formaldehyde 50-00-0	Methylene Chloride 75-09-2
TF1A	6.08e-1	2.70e-3	6.80e-3	3.13e-2	3.77e-2
TF1B	6.08e-1	2.70e-3	6.80e-3	3.13e-2	3.77e-2
TF3	2.43e+0	1.28e-2	3.20e-2	1.25e-1	1.76e-1

TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	Emission Rates (lbs/hr)				
	Methanol 67-56-1	Tetrachloroethylene 127-18-4	Toluene 108-88-3	Trichloroethylene 79-01-6	Triethylamine 121-44-8
TF1A	5.63e-2	2.33e-2	6.80e-3	6.80e-3	3.40e-3
TF1B	5.63e-2	2.33e-2	6.80e-3	6.80e-3	3.40e-3
TF2, TF3	2.25e-1	1.09e-1	3.20e-2	3.20e-2	1.60e-2
S1	2.28e-1	--	--	--	--
S2	2.28e-1	--	--	--	--
S4	2.28e-1	--	--	--	--
S5	2.28e-1	--	--	--	--

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TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	Emission Rates (lbs/hr)				
	Vinyl Chloride 75-01-4	Xylene 1330-20-7	N/A	N/A	N/A
TF1A	1.00e-4	5.06e-1	--	--	--
TF1B	1.00e-4	5.06e-1	--	--	--
TF3	5.00e-4	2.02e+0	--	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
POLLUTANT	CAS NUMBER	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	0.000135
1, 4 Dioxane	123-91-1	0.00027
Ethylene Oxide	75-21-8	0.000135