

ATTACHMENT - Facility Information

Leigh Fibers, Inc.

GCM-2060-0084

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: June 23, 2014

B - FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 1101 Syphrit Road
 CITY, STATE, ZIP: Spartanburg SC 29304
 COUNTY: Spartanburg

C - EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	Department 03
02	Department 04
03	Department 05
04	Department 06
05	Department 07
06	Department 08
07	Department 09
08	Department 20 VOID.
09	Department 23
10	Department 24 VOID.
11	Department 14
12	Department 19

D - EQUIPMENT AND CONTROL DEVICES

D.1 - EQUIPMENT FOR EMISSION UNIT 01 - DEPARTMENT 03

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
D03	1.5 tph textile fiber reclamation line	1977	BH-03	S07

D.2 - CONTROL DEVICES FOR EMISSION UNIT 01 - DEPARTMENT 03

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutants Controlled
BH-03	In house constructed baghouse	1977	PM, PM ₁₀ , PM _{2.5}
BH-03-2	In house constructed baghouse	2005	PM, PM ₁₀ , PM _{2.5}

D.3 - EQUIPMENT FOR EMISSION UNIT 02 - DEPARTMENT 04

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
D04-1	1.5 tph textile fiber reclamation line #1	1979	BH-04-1	S03
D04-2	1.5 tph textile fiber reclamation line #2	1979	BH-04-2	S04

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D.4 - CONTROL DEVICES FOR EMISSION UNIT 02 - DEPARTMENT 04

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
BH-04-1	In house constructed baghouse	1979	PM, PM ₁₀ , PM _{2.5}
BH-04-2	In house constructed baghouse	1979	PM, PM ₁₀ , PM _{2.5}

D.5 - EQUIPMENT FOR EMISSION UNIT 03 - DEPARTMENT 05

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D05-1	1.5 tph textile fiber reclamation line #1	1981	BH-05-1	S05
D05-2	1.5 tph textile fiber reclamation line #2	1981	BH-05-2	S06

D.6 - CONTROL DEVICES FOR EMISSION UNIT 03 - DEPARTMENT 05

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
BH-05-1	In house constructed baghouse	1981	PM, PM ₁₀ , PM _{2.5}
BH-05-2	In house constructed baghouse	1981	PM, PM ₁₀ , PM _{2.5}

D.7 - EQUIPMENT FOR EMISSION UNIT 04 - DEPARTMENT 06

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D06-1	2.5 tph textile fiber reclamation line #1	1984	BH-06-1	S14
D06-2	2.5 tph textile fiber reclamation line #2	1984	BH-06-2	S15

D.8 - CONTROL DEVICES FOR EMISSION UNIT 04 - DEPARTMENT 06

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
BH-06-1	In house constructed baghouse	1984	PM, PM ₁₀ , PM _{2.5}
BH-06-2	In house constructed baghouse	1984	PM, PM ₁₀ , PM _{2.5}

D.9 - EQUIPMENT FOR EMISSION UNIT 05 - DEPARTMENT 07

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D07-1R	4.0 ton/hr textile fiber reclamation Line #1R.	2008	RDF 07-1	S13A
D07-2R	3.5 ton/hr textile fiber reclamation Line #2R.	2008	RDF 07-2	S13B

D.10 - CONTROL DEVICES FOR EMISSION UNIT 05 - DEPARTMENT 07

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
RDF 07-1	Rotary Drum Filter	2014	PM, PM ₁₀ , PM _{2.5}
RDF 07-2	Rotary Drum Filter	2014	PM, PM ₁₀ , PM _{2.5}

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D.11 - EQUIPMENT FOR EMISSION UNIT 06 - DEPARTMENT 08

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D08-3	5.0 tph cutter	2006	RDF-08	S17
D08-4	3.5 tph textile fiber reclamation line.	2006	RDF-08	S17

D.12 - CONTROL DEVICES FOR EMISSION UNIT 06 - DEPARTMENT 08

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
RDF-08	LTG Rotary Drum Filter	1995	PM, PM ₁₀ , PM _{2.5}

D.13 - EQUIPMENT FOR EMISSION UNIT 07 - DEPARTMENT 09

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D09	4.0 tph textile fiber reclamation line #1	1998	RDF-09	S18

D.14 - CONTROL DEVICES FOR EMISSION UNIT 07 - DEPARTMENT 09

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
RDF-09	Carolina Air Filtration Rotary Drum Filter	1998	PM, PM ₁₀ , PM _{2.5}

D.15 - EQUIPMENT FOR EMISSION UNIT 09 - DEPARTMENT 23

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D23	3.5 tph textile fiber reclamation line with two compactors operating one at a time.	1975	C-23 C-23-A BH-23 BH-23-A C-23-B-1 C-23-B-2	S01 S01A

D.15 - CONTROL DEVICES FOR EMISSION UNIT 09 – DEPARTMENT 23

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
C-23	Pre-baghouse cyclone	1975	PM, PM ₁₀ , PM _{2.5}
BH-23-A	Joy MS12E-570 Baghouse	1991	PM, PM ₁₀ , PM _{2.5}

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D.16 - EQUIPMENT FOR EMISSION UNIT 11 - DEPARTMENT 14

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D14-1	2.5 ton/hr Shredding Line	2009	C-14A C-14B C-14C C-14D C-14E BH-14	Fugitive

D.17 - CONTROL DEVICES FOR EMISSION UNIT 11 – DEPARTMENT 14

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
C-14A	Dustex PC-76 cyclone	1991	PM, PM ₁₀ , PM _{2.5}
C-14B	Dustex PC-72 cyclone	1991	PM, PM ₁₀ , PM _{2.5}
C-14D	Dustex PC-90 cyclone	1991	PM, PM ₁₀ , PM _{2.5}
BH-14	Dustex 2311-13-44 (56) Fan Pulse Fabric Filter	1996	PM, PM ₁₀ , PM _{2.5}

D.18 - EQUIPMENT FOR EMISSION UNIT 12 - DEPARTMENT 19

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
D19-1	Condux Plastocompactor #1	2009	BH-19-1	S09
D19-2	Condux Plastocompactor #2	2011	BH-19-1	S09
D19-3	Condux Plastocompactor #3	2011	BH-19-1	S09

D.19 - CONTROL DEVICES FOR EMISSION UNIT 12 – DEPARTMENT 19

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutants Controlled
BH-19-1	Mac filtration pulse air fabric filter bag house	2009	PM, PM ₁₀ , PM _{2.5}

E - RESERVED

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)						
	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	Gaseous Fluorides (as HF)
S01A(Equipment ID 23)	0.28	0.07	--	--	--	--	--
S02-Fugitive-shredding- (D14-1) (formerly D-24)	0.65	0.16	--	--	--	--	--
S03(Equipment ID D04-1)-Dept. 4	0.022	0.006	--	--	--	--	--
S04 (Equipment ID 04-2)-Dept. 4	0.022	0.006	--	--	--	--	--
S05 (Equipment ID D05-1)-Dept. 5	0.022	0.006	--	--	--	--	--
S06 (Equipment ID D05-2)-Dept. 5	0.022	0.006	--	--	--	--	--
S07 (Equipment ID D03)-Dept. 3	0.045	0.011	--	--	--	--	--
S09A (Equipment ID D19-1)-Dept. 19-Plastocompactor 1 & 2	0.0009	0.0002	--	--	--	--	--
S09B (Equipment ID D19-2)-Dept. 19 -Plastocompactor 3	0.0009	0.0002	--	--	--	--	--
S13 A-(Equipment D07-1)-Dept. 7	0.060	0.015	--	--	--	--	--
S13B-(Equipment ID07-2)-Dept.7	0.053	0.013	--	--	--	--	--
S14 (Equipment D06-1)-Dept. 6	0.038	0.009	--	--	--	--	--
S15 (Equipment D06-2)-Dept. 6	0.038	0.009	--	--	--	--	--
S17 (Equipment ID D08-3,D08-4)- Dept. 8	0.39	0.10	--	--	--	--	--
S18 (Equipment ID D09)-Dept. 9	0.018	0.005	--	--	--	--	--