

**Table 2-1, Summary of Compliance Requirements****Smurfit Stone Container Enterprises, Inc.  
Fernandina Beach Mill****Proposed Permit No.: 0890003-023-AV  
Facility ID No.: 0890003**

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.    Brief Description**

006    #5 Power Boiler

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance	CMS**	See permit condition(s)
			Frequency	Base Date *	Test Duration		
Particulate Matter	carb	EPA 5	Annually	FFY			III.A.9.a
Particulate Matter	Fuel Oil	EPA 5	Annually	> 400 hrs/yr fuel oil fired			III.A.9.b.1.
Particulate Matter - Soot Blowing	Fuel Oil NCG	EPA 5	Annually	> 400 hrs/yr fuel oil fired			III.A.9.b.2.
Sulfur Dioxide	Fuel Oil	RECORDKEEPING	Annually	FFY			III.A.11.
Sulfur Dioxide	fuel oil	RECORDKEEPING	Annually	FFY			III.A.10.
Sulfur Content	Fuel Oil NCG	ASTM D1552-83 Min Temp and Residence Time	Annually	FFY			III.A.12.
TRS Visible	Fuel Oil						III.A.13.
Emissions Visible	carb	EPA 9	Annually	FFY			III.A.14.a.
Emissions Visible	fuel oil	EPA 9	Annually	FFY			III.A.14.b.
Emissions Soot Blowing		EPA 9	Annually	FFY			III.A.14.c.

**Notes:**

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007    #4 Recovery Boiler

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Particulate Matter Visible Emissions TRS		EPA 5	Annually	FFY		COMS	III.B.7.
		EPA 9	Annually	FFY			III.B.11.
		EPA 16	Prior to Renewal			yes	III.B.12.

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11    #5 Recovery Boiler

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Particulate Matter		EPA 5	Annually	FFY			III.C.8.
Total Reduced Sulfur		EPA 16	Annually when in X Mode, otherwise every 5 years	FFY		Yes	III.C.13.
Visible Emissions		EPA 9	Annually	FFY		COMS	III.C.12., C.16.
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013 #4 Smelt Dissolving Tank

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance	CMS**	See permit condition(s)
			Frequency	Base Date *	Test Duration		
Particulate Matter		EPA 5	Annually	FFY			III.D.6.
Visible Emissions		EPA 9	Annually	FFY			III.D.9.
Total Reduced Sulfur		EPA 16	Prior to Renewal				III.D.10.
TRS Surrogate							
Weak Wash							
Flow						Y	III.D.11.
PM Surrogate							
Pressure Drop						Y	III.D.12.
PM Surrogate Scrubber Flow						Y	III.D.12.

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**E.U. ID No.    Brief Description**

014    #5 Smelt Dissolving Tank

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance	CMS**	See permit condition(s)
			Frequency	Base Date *	Test Duration		
Particulate Matter		EPA 5	Annually	FFY			III.E.6.
PM Surrogate						Yes	III.E.11.
Pressure Drop							
PM Surrogate						Yes	III.E.11.
Scrubber Liquid							
Flow		EPA 16 or 16A	Prior to Renewal	FFY		Yes	III.E.8.a., E.8.b.
Total Reduced		EPA 9	Annually	FFY			III.E.9.,7.
Sulfur							
Visible							
Emissions							
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**E.U. ID No.    Brief Description**

015    #7 Power Boiler

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance	CMS**	See permit condition(s)
			Frequency	Base Date *	Test Duration		
Particulate Matter		EPA 5	Annually	FFY			III.F.15.
Sulfur Dioxide		EPA 6	On Request				III.F.16.
Nitrogen Oxides		EPA 7	On Request				III.F.17.
Nitrogen Oxides Surrogate							
Oxygen Set Point							III.F.28.
Carbon Monoxide		EPA 10	On Request				III.F.19 .
Carbon Monoxide Surrogate							
Oxygen Set Point							III.F.29.
Visible Emissions		EPA 9	Annually	FFY		Yes	III.F.20., F.24.
Visible Emissions							
Coal Visible Emissions		EPA 9	Annually	FFY			III.F.16.
Fly Ash Handling		EPA 9	Annually	FFY			III.F.17.

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### E.U. ID No. Brief Description

20 Tall Oil

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Total Reduced Sulfur		EPA 16 or 16A	Prior to Renewal	FFY			III.G.4.
Total Reduced Sulfur		Surrogate - scrubber liquid flow	3 grab over course of each tall oil cook (beginning, middle, end)			Yes	III.G.5.
Total Reduced Sulfur		Surrogate - pH				N	III.G.5.

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021    #4 Lime Kiln

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance	CMS**	See permit condition(s)
			Frequency	Base Date *	Test Duration		
Particulate Matter Total Reduced		EPA 5	Annually	FFY		COMS	III.H.12., H.23.
Sulfur Visible Emissions		EPA 16 or 16A	Annually	FFY		Yes	III.H.16., H.24.
Visible Emissions No. 1 Lim Bin		EPA 9	Annually	FFY			III.H.18.
Visible Emissions No. 2 Lime Bin		EPA 9	Annually	FFY			III.H.19.
		EPA 9	Annually	FFY			III.H.21.
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### E.U. ID No. Brief Description

24 C-Line Brownstock Washer System

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
TRS		EPA 16	Prior to Renewal	FFY		yes	III.1.4., I.5.
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033    Pulping System MACT I

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Condensate Collection		All named stream option based on 15- day average Total HAP reduction of 92% or more by weight	Annually Quarterly Tests	FFY		Y	III.M.5., M.16, M.29.
Condensate Treatment			Annually Quarterly Tests	FFY			III.M.9.,M.16.,M.29.
UNOX Vent						Y	III.M.13., M.14.; M.33.
Gas Purity						Y	III.M.13., M.14.; M.33.
UNOX Oxygen Feed		Replacement or the direct-contact, WWTP cooling tower with a non-contact heat exchanger system					
Clean Condensate Alternative						Y	III.M.35., M.36., M.37.

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