

Table 1-1, Summary of Air Pollutant Standards and Terms

Rayonier Performance Fibers, LLC.
Fernandina Mill

REVISED DRAFT Permit No.: 0890004-020-AV
Facility ID No.: 0890004

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

001 No. 1 Power Boiler

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Particulate Matter	No. 6 fuel oil or Onspec/No. 6 FO Blend	8,760	0.086 lb PM/mmBtu	16.0	70.0			0890004-017-AC	III A.3., A.4.
Sulfur Dioxide	No. 6 fuel oil or Onspec/No. 6 FO Blend	8,760	2.37 lb SO2/mmBtu	440.0	1,848.0			0890004-017-AC Stipulation dated March 10, 1982	III A.3., A.5.
Visible Emissions	No. 6 fuel oil or Onspec/No. 6 FO Blend	8,760	30% opacity; 40% <2 min/hr					0890004-017-AC	III A.3., A.6.
Pursuant to 40 CFR 63.7495(b) the following are not applicable until September 13, 2007									
Notification								40 CFR 63.7495(d)]	III. I.1.
Notes: * The "Equivalent Emissions" listed are for informational purposes only.									

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002 No. 2 Power Boiler

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Particulate Matter	No. 6 fuel oil or Onspec/No. 6 FO Blend	8,760		15.2	63.9			0890004-017-AC Stipulation dated March 10, 1982	III B.3., B.4.
Particulate Matter	wood waste	8,760	0.23 lb PM/mmBtu	50.6	212.5			0890004-017-AC Stipulation dated March 10, 1982	III B.3., B.4.
Sulfur Dioxide	No. 6 fuel oil or Onspec/No. 6 FO Blend	8,760	2.26 lb SO2/mmBtu	418.0	1,756.0			0890004-017-AC Stipulation dated March 10, 1982	III B.3., B.5.
Visible Emissions	wood waste	8,760	30% opacity; 40% <2 min/hr					62-296.410(1)(b)1. 0890004-017-AC	III B.3., B.6.
Pursuant to 40 CFR 63.7495(b) the following are not applicable until September 13, 2007									
Particulate Matter (or TSM)			0.07 lb PM/mmBtu					40 CFR 63.7500(a)	III. I.2.
HCl			0.001 lb/mmBtu					40 CFR 63.7500(a)	III. I.2.
Hg			0.09 lb /mmBtu					40 CFR 63.7500(a)	III. I.2.
			0.000009 lb/mmBtu					40 CFR 63.7500(a)	III. I.2.
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E.U. ID No. **Brief Description**
003 No. 3 Power Boiler

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Particulate Matter	No. 6 fuel oil or Onspec/No. 6 FO Blend	8,760		16.7	70.1			0890004-017-AC Rule 62-296.410(1)(b)2., F.A.C. Stipulation dated March 10, 1982 0890004-017-AC Rule 62-296.410(1)(b)2., F.A.C. Stipulation dated March 10, 1982	III C.3., C.4.
Particulate Matter	wood waste	8,760	0.207 lb PM/mmBtu	50.6	212.6			0890004-017-AC Rule 62-296.410(1)(b)2., F.A.C. Stipulation dated March 10, 1982	III C.3., C.4.
Sulfur Dioxide	No. 6 fuel oil or Onspec/No. 6 FO Blend Wood Waste	8,760	2.21 lb SO2/mmBtu	459.0	1,928.0			Stipulation dated March 10, 1982 0890004-017-AC	III C.3., C.5.
Visible Emissions	No. 6 fuel oil or Onspec/No. 6 FO Blend Wood Waste	8,760	30% opacity; 40% <2 min/hr					Rule 62-296.410(1)(b)1, F.A.C 0890004-017-AC	III C.3., C.6.
Pursuant to 40 CFR 63.7495(b) the following are not applicable until September 13, 2007									
Particulate Matter (or TSM)			0.07 lb PM/mmBtu					40 CFR 63.7500(a)	III. I.2.
HCl			0.001 lb/mmBtu					40 CFR 63.7500(a)	III. I.2.
Hg			0.09 lb /mmBtu					40 CFR 63.7500(a)	III. I.2.
			0.000009 lb/mmBtu					40 CFR 63.7500(a)	III. I.2.
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E.U. ID No. Brief Description

005 Vent Gas Scrubber and Direct Contact Condenser

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Sulfur Dioxide		8,760	250 ppm (28350 ACFM, 130F)			63.2	276.82	0890004-002-AC 0890004-010-AC 62-296.320(4)(b)1., F.A.C.	III D.1., D.2.
Visible Emissions		8,760	<20% Opacity					0890004-010-AC	III D.1, D.3.
Total HAPs		8,760	2.2 lbs/ODP (combined with EU 010 & 021) See Permit					40 CFR 63.444(c) and (c)(2)(i)]	III. G.3.
Notes: * The "Equivalent Emissions" listed are for informational purposes only.									

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E.U. ID No. **Brief Description**
006 Recovery Boiler

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Particulate Matter	RLS No. 6 Fuel Oil Onspec/ No. 6 FO Blend	8,760	0.092 gm/dscm @ 8% O ₂			43.18	295.6	40 CFR 63.862(a)(2)	III E.3., E.4.
Sulfur Dioxide	RLS No. 6 Fuel Oil Onspec/ No. 6 FO Blend	8,760	300 ppm, dry hourly aver.			321.9	1,410.0	LRACT, 0890004-001-AC 0890004-017-AC	III E.3., E.5.
Visible Emissions	RLS No. 6 Fuel Oil Onspec/ No. 6 FO Blend	8,760	<20% Opacity					LRACT, 0890004-001-AC 0890004-017-AC	III E.3., E.6.
Notes: * The "Equivalent Emissions" listed are for informational purposes only. RLS = Red Liquor Solids									

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007 Molten Sulfur Storage and Handling Area

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Sulfur	N/A	N/A	Operational Practices	N/A	N/A			62-296.411(1)	III F. 1 through F.7.
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021 Evaporator Vents Methanol Condenser System

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Total HAPs		8,760	2.2 lbs/ODP (combined with EU 005 & 021) See Permit					40 CFR 63.444(c) and (c)(2)(i)]	III. G.3.

Notes:

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010 Biological Effluent Treatment System

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
Total HAPs		8,760	2.2 lbs/ODP (combined with EU 005 & 010) See Permit					40 CFR 63.444(c) and (c)(2)(i)]	III. G.3.

Notes:

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