

Table 1: Point source emissions to air and water

HFDB303 Point Source Emissions

Emission Point Reference	Source	Document Reference	Parameter	Quantity	Unit
A1a	Gas-fired boiler for energy and heating	HFDB305c - ES-0911 (Holmfirth Dyers Ltd) Emissions Test Report - Boiler 1 (A1) Page 4	Water Vapour	10.9	%
			Carbon Monoxide	1.3	mg/m ³
			Oxides of Nitrogen (as NO ₂)	178	mg/m ³
			Total VOC	6.4	mg/m ³
			Oxygen	6.9	%
			Volumetric Flow	4,679	m ³ /h
A1b	Gas-fired boiler for energy and heating	HFDB305d - ES-0911 (Holmfirth Dyers Ltd) Emissions Test Report - Boiler 2 (A1) Page 4	Water Vapour	11.7	%
			Carbon Monoxide	1.6	mg/m ³
			Oxides of Nitrogen (as NO ₂)	181	mg/m ³
			Total VOC	4.9	mg/m ³
			Oxygen	6.4	%
			Volumetric Flow	6,280	m ³ /h
A1c	Tumbler unit for tumbler-drying production activity	HFDB305e - ES-0911 (Holmfirth Dyers Ltd) Emissions Test Report - Tumbler (A1) Page 4	Total Particulate Matter	1.4	mg/m ³
			Water Vapour	3.3	%
			Carbon Monoxide	70.3	mg/m ³
			Oxides of Nitrogen (as NO ₂)	1.8	mg/m ³
			Total VOC	76.6	mg/m ³
			Oxygen	19.8	%
A2	Tenter frame production line	HFDB305I - A2 Emissions Analysis	Total Particulate Matter	4.85	mg/m ³
			Hydrogen Chloride	1.276	mg/m ³
			Formaldehyde	1.005	mg/m ³
			Ammonia	0.5425	mg/m ³
			Formic Acid	0.27	mg/m ³
			Acetic Acid	0.27	mg/m ³

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			VOC Screening	4.5825	mg/m ³
			Total Volatile Organic Compounds	13.875	mg/m ³
			Oxides of Nitrogen (as NO ₂)	4.7	mg/m ³
			Sulphur Dioxide	10.025	mg/m ³
			Carbon Monoxide	35.75	mg/m ³
			Carbon Dioxide	0.524	% v/v
			Oil Mist	0.05	mg/m ³
B1	Effluent Treatment Plant	HFDB203 - YW Discharge Consent	Temperature	43.3	°C
			pH	5 – 10.5	pH
			Settled Chemical Oxygen Demand	4,000	mg/l
			Total Load of Settled Chemical Oxygen Demand	1,700	kg
			Settleable Solids	300	mg/l
			Easily Liberated Sulphides	2	mg/l

Also see documents:

- HFDB204c - Emissions Points
- HFDB305k - YW Effluent Sample Data Collated