

TABLE E.1(ii) MAIN EMISSIONS TO ATMOSPHERE (1 Page for each emission point)

Emission Point Ref. №:	A1		
Source of Emission:	Cathode Ray Tube (CRT) and Flat Panel Display (FPD) manual dismantling lines		
Location:	The Recycling Village Ltd, Unit 21, Duleek Business Park, Duleek, Co. Meath (Vent emits into yard of facility - North East direction)		
Grid Ref. (12 digit, 6E,6N):	705230,769402		
Vent Details Diameter(m):	0.6m		
Height above Ground(m):	5m (centre point)		
Date of commencement:	March 2013		

Characteristics of Emission:

(i) Volume to be emitted:				
Average/day	115,500 Nm ³ /d	Maximum/day	150,000 Nm ³ /d	
Maximum rate/hour	10,000 Nm ³ /h	Min efflux velocity	7.5 m.sec ⁻¹	
(ii) Other factors				
Temperature	27 °C(max)	24 °C(min)	25.5 °C(avg)	
For Combustion Sources: Volume terms expressed as :	N/A <input type="checkbox"/> wet. <input type="checkbox"/> dry. _____ %O ₂			

(iii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up* /*shutdown to be included*):

Periods of Emission (avg)	60 min/hr	15 hr/day	303 day/yr
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TABLE E.1(iii): MAIN EMISSIONS TO ATMOSPHERE - Chemical characteristics of the emission (1 table per emission point)

Emission Point Reference Number: A1

Parameter	Prior to treatment ⁽¹⁾				Brief description of treatment	As discharged ⁽¹⁾					
	mg/Nm ³		kg/h			mg/Nm ³		kg/h.		kg/year	
	Avg	Max	Avg	Max		Avg	Max	Avg	Max	Avg	Max
Particulates						1.92		0.019		86.36	
Antimony						<0.003		0.000		<0.13	
Arsenic					pleated panel filters	<0.002		0.000		<0.09	
Cadmium					SAF Carbon filters	<0.003		0.000		<0.13	
Chromium						<0.036		0.000		<1.64	
Cobalt						<0.001		0.000		<0.05	
Copper						0.234		0.002		10.64	
Lead						0.184		0.002		8.36	
Manganese						0.009		0.000		0.41	
Mercury						<0.001		0.000		<0.05	
Nickel						0.018		0.000		0.82	
Phosphorous						<0.002		0.000		<0.09	
Thallium						<0.001		0.000		<0.05	
Vanadium						<0.001		0.000		<0.05	

1. Concentrations should be based on Normal conditions of temperature and pressure, (i.e. 0°C, 101.3kPa). Wet/dry should be the same as given in Table E.1 (ii) unless clearly stated otherwise.