

Attachment J 4

Contents

Air emissions

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1.1 AIR EMISSIONS

(ONE TABLE PER EMISSION POINT)

Emission Point Ref. N^o:	A-01		
Name of emission point:	Boiler Emission		
Source of Emission:	Emissions from Boiler on site.		
Location of emission point:	South of Atlas Facility (See Site plan D1 for Boiler House location.		
Grid Ref. (12 digit, 6E, 6N):	E246118, N197520		
Date of commencement:	January 2002		
Periods of emission (avg.):	min/hr	17 hr/day	250 day/yr
Volume to be emitted:	Average/day:	Not available	m ³ /d
	Maximum rate/hour:	Not available	m ³ /h
	Maximum rate/day:	Not available	m ³ /d
Vent diameter:0.6.....m		
Vent height above ground:20.....m		
Min. efflux velocity:	Not available m/sec		
Temperature:	Max.....201...°C	Min.....100.....°C	Avg.....°C
For Combustion Sources:			
Volume terms expressed as :	<input checked="" type="checkbox"/> wet	<input checked="" type="checkbox"/> dry	_____ % O ₂



1.2 AIR EMISSIONS CHARACTERISATION

(one table per emission point)

Emission Point Reference Number: A-01

Parameter name	Prior to treatment			As discharged		
	mg/Nm ³		kg/h	mg/Nm ³		kg/h
	Average	Max	Average	Max	Average	Max
SO ₂	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
NO ₂	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
CO	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
NO	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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Annual Boiler Emissions,taken on the 11/12/02

Parameter	High Fire	Mid Fire	Low Fire	Concentration
CO(mg/m3)	3	2	2	0.087
SO2(mg/m3)	0	0	0	0
NO2(mg/m3)	0	1	0	0.028
Combustion efficiency	81.2	82.2	82.6	82

The boiler currently used in Atlas was commissioned in January 02. It is powered by gas but can alternatively be run on light fuel oil.

Schedule 1 (I) of the IPC licence specifies annual monitoring of Sox, Nox, CO and Combustion efficiency as can be seen above. Boiler Emission analysis is carried out by K.B. Combustion by direct meter reading.

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