

- 3 FEB 2015

Schedule 3

RELEASE TO WATER

Release summary for quarter ended

31st December 2014

Operator

Mir Steel UK Limited

Permit Number: EPR/EP3830GH

Location

Newport

TABLE 4.W.1

Parameter		Release Point W1	
PH		95%ile	9.06
		Max	11.5
Suspended Solids (mg/l)		95%ile	36
		Max	55
Oil/grease (material soluble in 1.1.20-trichloro-triflouroethane) (mg/l)		95%ile	0.055
		Max	0.087
Lead (mg/l)		95%ile	0.008
		Max	0.015
Nickel (mg/l)		95%ile	0.003
		Max	0.003
Arsenic (mg/l)		95%ile	0.005
		Max	0.006
Cadmium (mg/l)		95%ile	0.001
		Max	0.0015
Mercury (mg/l)		95%ile	0.0001
		Max	0.0001
Chromium (mg/l)		95%ile	0.012
		Max	0.041
Copper (mg/l)		95%ile	0.010
		Max	0.018
Zinc (mg/l)		95%ile	0.021
		Max	0.020
Iron compounds (mg/l)		95%ile	0.219
		Max	0.230

Notes

- 1 The solids shall be separate and dried at 105 deg C
- 2 Determined by measuring the alphatic CH₂ absorbtion in the infra-red at 2961 cm⁻¹ , 2926 cm⁻¹ and 2853-1
- 3 95%ile of all weekly results over preceeding rolling six months
- 4 Maximum weekly result obtained over the 3 month reporting period
- 5 A record of the hourly flow at the time the sample was taken shall be maintained in the plant records

Date: 27th January 2015

Signed:



Form W1

Schedule 3

RELEASE TO AIR

Release summary for quarter ended

31st December 2014

Operator Mir Steel UK Limited

Permit Number: EPR/EP3830GH

Location Newport

TABLE 4.A.1A (non continuous monitoring)

Release Point	Date of Test	Max hourly NOx (as NO2)mg/m3	Max hourly gas used during test m3	Nox factor for test g/m3 of gas	Running average Nox factor g/m3 of gas
A1	<i>NO PRODUCTION HENCE NO EMISSIONS DURING THIS PERIOD</i>				
A2	<i>NO PRODUCTION HENCE NO EMISSIONS DURING THIS PERIOD</i>				
A3	<i>NOT APPLICABLE</i>				
A4	<i>NOT APPLICABLE</i>				
A5	<i>NO PRODUCTION HENCE NO EMISSIONS DURING THIS PERIOD</i>				

TABLE 4.A.1B

Installation actual max hourly gas consumption during reporting period m3/hr	
Maximum theoretically required gas consumption for the installation m3/hour	

Date 27th January 2015

Signed



FORM A1

Schedule 3

RELEASE TO AIR

Release summary for quarter ended

31st December 2014

Operator Mir Steel UK Limited

Permit Number: EPR/EP3830GH

Location Newport

TABLE 4.A.2 (non continuous monitoring)						
Parameter		Release Point				
		A1	A2	A3	A4	A5
Particulate	mg/m-3					
CO	mg/m-3					
HF	mg/m-3					
SO2	mg/m-3					
VOC	mg/m-3					
Dioxin & Furan	ng/m-3					
As	mg/m-3					
Cd	mg/m-3					
Cr	mg/m-3					
Cu	mg/m-3					
Hg	mg/m-3					
Fe	mg/m-3					
Pb	mg/m-3					
Mn	mg/m-3					
Ni	mg/m-3					
Zn	mg/m-3					

NO PRODUCTION HENCE NO MONITORING DURING THIS PERIOD

Date 27th January 2015

Signed



FORM A2