

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Newport Steelworks

Mir Steel UK Ltd
Corporation Road
Newport
NP19 4XE

Variation notice number
EPR/EP3830GH/V003

Permit number
EPR/EP3830GH

Newport Steelworks

Permit number EPR/EP3830GH

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations S.I.2007 No. 3538 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

This variation is to allow the removal of two hot rolling mills and two 24.4MWth rehear furnaces for the production of wire rods and reinforcing bars from the permitted activities at the installation. The hot rolling of steel slabs into hot rolled coils and sheets is still carried out at the installation. This change results in the removal of two emissions points to air.

There is no increase in emissions from the installation as a result of this variation.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added and Schedule 4 shows any changes to the plan.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status Log of the permit		
Detail	Date	Response Date
Application EPR/BL4885IW	Duly made 30/08/2002	
Additional information Received		16/04/02, 12/06/02:03/09/02 and 05/11/2002
Permit determined EPR/BL4885IW	30/09/2003	
Application EPR/EP3830GH/T001 (full transfer of permit BL4885IW)	Duly made 26/08/08	
Transfer EPR/EP3830GH	Determined 28/11/08	
Agency Initiated Variation EPR/EP3830GH/V002 (PAS ref SP3832GM)	Issued 25/06/09	
Variation Application EPR/EP3830GH/V003 (PAS ref ZP3331KL)	Duly Made 09/12/09	
Variation Notice EPR/EP3830GH/V003	Issued 10/02/10	

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2007

Permit number

EPR/EP3830GH

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2007 (SI 2000 No 3538) varies the permit as set out below.

Mir Steel UK Ltd (“the operator”),

whose registered office is

**Corporation Road
Newport
South Wales
NP19 4XE**

company registration number **06644315**

holds a permit to operate a regulated facility at

**Corporation Road
Newport
South Wales
NP19 4XE**

and that permit is varied to the extent set out in Schedules 1 to 4 of this notice.

The notice shall take effect from 10/02/10

Name

Date

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M. Bischer – Principal Permitting Team Leader, National Permitting Service

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

The following conditions are amended as follows:

Condition 4.1.2 is amended such that Table S2 of Schedule 2 is amended to:

Table S2: Reporting of monitoring data

Parameter	Emission point	Reporting period	Period begins
Particulate	A1, A2	Every 3 mths	1 January 2003 ^{2,3}
Oxides of nitrogen mg m ⁻³	A1, A2 and A5	Every 3 mths	
Sulphur dioxide mg m ⁻³	A1, A2	Every 12 mths	
Carbon Monoxide	A1, A2	Every 12 mths	
Hydrogen flouride	A1, A2	Every 12 mths	
VOC as Carbon	A1, A2	Every 12 mths	
Dioxin/furan	A1, A2	Every 12 mths	
Metals	A1, A2	Every 12 mths	
Suspended solids	W1	Every 3 mths	
Oil and grease	W1	Every 3 mths	
pH	W1	Every 3 mths	
Zinc	W1	Every 3 mths	
Metals ⁽¹⁾ and iron	W1	Every 3 mths	
Energy		Every 12 mths	
Environmental monitoring		Bi-annually	
Borehole monitoring		Annual	
Waste		Every 12 mths	

Notes:

1. Metals includes elements and compounds of Pb, As, Cd, Cr, Ni, Cu, Hg and Zn expressed as the metal and shall be individually reported.
2. Reporting to approximate with calendar quarters.
3. Reporting may be suspended by written agreement of the Environment Agency.

Reporting Forms A1 and A2 as identified in Schedule 3, are amended to those detailed at the end of this Schedule of this Notice.

Condition 4.7.1 is amended to:

The Operator shall submit an annual report to include key performance indicators for the principal departments within the installation, which as a minimum shall include the following measures of performance. Alternative key performance indicators may be agreed in writing by the Environment Agency.

Key Performance Indicators				
Melting Shop and Casting Bay	Substances released into air per tonne of liquid steel cast: CO ₂ ; NO _x (as NO ₂); particulate and metals ⁽¹⁾	Substances released into water ⁽²⁾ per tonne of liquid steel cast. To include; suspended solids; oil/grease; COD and metals ⁽¹⁾	Total water ⁽³⁾ supplied per tonne of liquid steel cast	Waste disposal per tonne of liquid steel cast (excluding material sent for recovery)
Gamma Mill including reheat furnaces	Substances released into air per tonne of finished product. To include: CO ₂ ; NO _x (as NO ₂); particulate and metals ⁽¹⁾	Substances released into water ⁽²⁾ per tonne of finished product. To include: suspended solids; oil/grease; COD and metals ⁽¹⁾	Total water ⁽³⁾ supplied per tonne of finished product	Waste disposal per tonne of finished product (excluding material sent for recovery)

Notes:

1. Metals include As; Cd, Cr; Cu; Hg; Fe; Pb; Mn; Ni; Zn.
2. The waste water released from the Installation should equate to the respective releases from the steel making, rolling, heat treatment and other finishing operations.
3. Total water supplied to the Installation shall include Towns Water and abstracted River Water.

Conditions 6.1.1 is amended such that Table 6.1.1 is amended to:

Table 6.1.1: Emission points into air

Emission point reference/description	Source	Location of emission point
A1	Primary fume system	Bag filter plant No. 1 at Point 5 on site plan
A2	Secondary fume system	Bag filter plant No. 2 at Point 6 on site plan
A3	Not in use	-
A4	Not in use	-
A5	93 MWth reheat on Gamma Mill	Stack at Point 7 on site plan

Conditions 6.1.2 and 6.1.3 are amended such that Table 6.1.2 is amended to:

Table 6.1.2: Emission limits into air

Parameters	Emission Point				
	A1	A2	A3	A4	A5
Particulate mg m ⁻³	15 ¹	15 ¹	-	-	-
Frequency of monitoring	quarterly	quarterly			
Oxides of nitrogen (as NO _x) mg m ⁻³	To be reported quarterly	To be reported quarterly	-	-	400
Frequency of monitoring					quarterly
Carbon Monoxide mg m ⁻³	To be reported quarterly	To be reported quarterly	-	-	-
Frequency of monitoring					
Dioxins and furans ng/m ³	0.5	0.5	-	-	-
Frequency of monitoring	annually	annually			
Metals	To be reported annually	To be reported annually	-	-	-
Frequency of monitoring					

Notes:

1. A representative spot sample if monitoring is found to be practical. Otherwise - no visible fume and to be inspected every shift.
2. 1800 mg m⁻³ until low NO_x burners fitted (or equivalent improvement).

Schedule 3

RELEASE INTO AIR

Release summary for 3 months to/..../20...

Operator: Mir Steel UK Ltd

Permit Number: EPR/EP3830GH

Location: Newport

TABLE 4.A.1A (NON-CONTINUOUS MONITORING)					
Release Point	Date of Test	Max. hourly NOx (as NO ₂) mg/m ³	Max hourly gas used during test m ³	NOx factor for test g/m ³ of gas	Running average NOx factor g/m ³ of gas
A1					
A2					
A5					

TABLE 4.A.1B	
Installation actual max. hourly gas consumption during reporting period m ³ /hr	
Maximum theoretically required gas consumption for the installation m ³ /hr	

Signed:

Date:

Form A1

Schedule 3

RELEASE INTO AIR

Release summary for 3 months to/....../20...

Operator: Mir Steel UK Ltd

Permit Number: EPR/EP3830GH

Location: Newport

TABLE 4.A.2 (NON-CONTINUOUS MONITORING)			
PARAMETER	RELEASE POINT		
	A1	A2	A5
Particulate mg m ⁻³			
CO mg m ⁻³			
HF mg m ⁻³			
SO ₂ 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			

Signed:

Date:

Form A2

Schedule 3 – conditions to be added

None.

Schedule 4 – amended plan

None.