

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Newport Steelworks

Mir Steel UK Limited
Corporation Road
Newport
NP19 4XE

Variation notice number
EA/EPR/EP3830GH/V002

Permit number
EPR/EP3830GH

Newport Steelworks Permit Number 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/facilities.

This variation was initiated by the Environment Agency following transfer of the permit to the new operator Mir Steel UK Ltd. Changes have been made to the permit conditions for the following reasons:

- correct an error to the permit installation boundary
- include new Improvement Programme items to ensure the operating standards and abatement technologies are BAT
- include new standards for the storage of wastes within the installation
- revise the permit condition that requires ambient monitoring
- minor changes to ELVs for W1 discharges
- addition of a new permit condition related to fugitive emissions.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions and Schedule 3 lists any conditions that have been added.

Status Log of the permit		
Detail	Date	Response Date
Application EPR/EP3830GH/T001 full transfer of permit BL4885IW	Duly made 26/08/2008	
Transfer determined EPR/EP3830GH	28/11/2008	
Agency initiated Variation issued EA/EPR/EP3830GH/V002	25/06/2009	

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2007

Permit number

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"),

of/ whose registered office/or principal office is

Corporation Road

Newport

South Wales

NP14 4XE

company registration number 06644315

holds a permit to operate a regulated facility at

Newport Steelworks

Corporation Road


Newport

South Wales

NP14 4XE

and that permit is varied to the extent set out in Schedules 1 to 3 of this notice.

The notice shall take effect from 25th June 2009

Name	Date
AW Leahey 	25 th June 2009

Authorised on behalf of the Agency

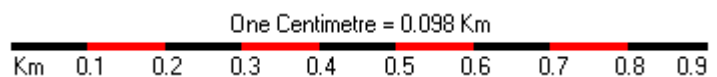
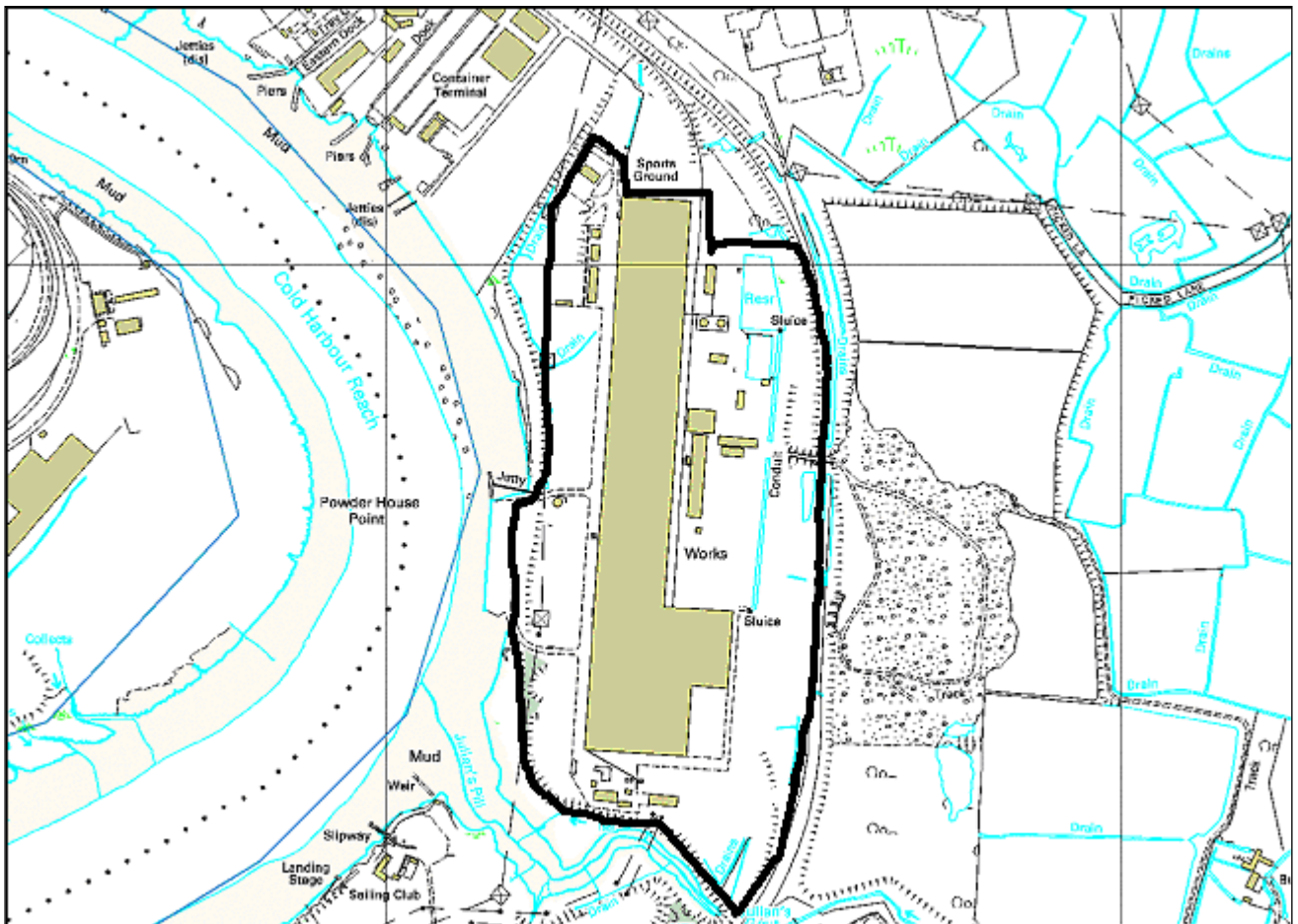
Schedule 1 – conditions to be deleted

1. None.

Schedule 2 – conditions to be amended

2. Condition 1.1.3 is amended to:

1.1.3 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the area shown edged in black on the plan below:



3. Condition 2.5.2 is amended to:

2.5.2 Waste materials specified in Table 2.5.2 shall only be stored on the site in the location and manner specified in that Table.

TABLE 2.5.2: Waste stored on site			
Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions
EAF slag	Segregated area	Stockpiles	On site weathering.
Ladle slag	Segregated area	Stockpiles	
Baghouse dust	Segregated areas	Sealed bulk bags or other agreed suitable containers	Covered segregated area (not including temporary covering such as tarpaulins or other sheeting) or dedicated storage building. Sent for zinc recovery or off-site landfill.
Fine millscale	Segregated area	Stockpiles	On concrete hard standing. Sent for use by 3 rd party.
Coarse millscale	Segregated area		
Waste water/glycol	Segregated area	Sealed drums	Drums to be clearly marked, held on contained concrete hard standing with bund such that it would contain at least 110% of the contents of the largest drum
Miscellaneous waste oil	Segregated area	Sealed drums	Dedicated storage area. Drums to be clearly marked, held on contained concrete hard standing with bund such that it would contain at least 110% of the contents of the largest drum
Refractories	Segregated area	Stockpiles	Sent with EAF slag for processing off-site and then use as aggregate
General wastes	Segregated areas	Covered skips or bins	To be deposited within 24 hours of the container becoming full

4. Condition 4.1.8 is amended to:

4.1.8 The Operator shall monitor the deposition of dust and the concentration of PM₁₀ and PM_{2.5} in order to assess the contribution made to local levels by the installation over a minimum period of 3 months of representative operation of the installation. The monitoring programme shall be started within one year (or other period agreed with the Environment Agency) of recommencement of EAF operations and shall be agreed in writing by the Environment Agency and include:

- The deposition of dust upwind and downwind of the Installation particularly taking into account the scrap yard, the handling and processing of steelmaking slag and the EAF dust abatement plant.
- The directional dust flux upwind and downwind of the Installation particularly taking into account the scrap yard, the handling and processing of steelmaking slag.
- PM₁₀ and PM_{2.5} concentrations.

The Operator shall demonstrate that the selection of monitoring locations will not under represent concentrations of the above substances experienced in the local community.

The Operator shall submit a written environmental monitoring report to the Environment Agency within four months of completion of the 3 month monitoring campaign.

5. Condition 6.3.3 is amended to:

6.3.2 Limits for the emissions to water for the parameter(s) and emission point(s) set out in Table 6.3.2 shall not be exceeded.

Table 6.3.2 : Emission limits to water and monitoring					
Emission reference	point	Parameter	Limit (including Reference Period) ⁽¹⁾	Monitoring frequency	Monitoring method ⁽²⁾
W1		pH	≥ 6, ≤ 10	Weekly	No standard method is available
W1		Suspended solids	40mg/l		SCA Blue Book 105 ISBN 011751957X
W1		Oil/grease (material soluble in 1,1,2-trichloro-trifluoroethane)	5mg/l		
W1		Lead	0.2mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003
W1		Nickel	0.5mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003
W1		Arsenic	0.01mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003
W1		Cadmium	0.05mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003
W1		Chromium	0.2mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003
W1		Copper	0.5mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003
W1		Zinc	0.5mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003
W1		Iron compounds	5mg/l		BS ISO 17294-2:2003 BS 6068-2.89:2003

Notes:

- (1) Any representative spot sample
- (2) Or to an EN, BS, ISO or SCA Blue Book standard as agreed in writing with the Agency.

6. Condition 6.3.4 shall be amended to:

6.3.4 There shall be no emission into water from the Permitted Installation of any substance prescribed for water for which no limit is specified in Table 6.3.2 except in a concentration which is no greater than the background concentration.

Schedule 3 – conditions to be added

7. The following Improvement Conditions are added to Condition 9.1.1, Table 9.1.1.

Table 9.1.1: Improvement programme requirements

Reference	Requirement	Date ⁽¹⁾
9.14	The Operator shall review the Environment Management System(EMS) against BAT standards so that it is an effective tool for ensuring ongoing compliance with the EP regulatory regime and the management of all significant environmental impacts. A report that details necessary improvements and a timetable for the implementation of such improvements, that is to be agreed by the Environment Agency, shall be provided.	12 months from recommencement of any production
9.15	The Operator shall prepare a management plan for the collection, handling, bagging, storage and disposal of EAF dust. The plan shall include necessary measures to minimise the release of EAF dust during these operations and avoid any deterioration during storage prior to removal from site for recovery or disposal. A copy of the plan, to be agreed by the Environment Agency, shall be provided.	2 months prior to recommencement of scrap melting
9.16	The Operator shall prepare a management plan for the collection, handling, storage/weathering and disposal of slag. The plan shall include necessary measures to minimise; the release of fugitive dust during these operations and the contamination of surface water discharges. It shall take account of relevant Waste Protocols as issued by the Environment Agency. A copy of the plan, to be agreed by the Environment Agency, shall be provided.	9 months from recommencement of scrap melting
9.17	The Operator shall review the performance of the EAF dust abatement plant and associated EAF dust conveying equipment. The review shall include, but not be limited to, review of the plant against BAT standards, optimisation of dust abatement, the monitoring of abatement efficiency, maintenance scheduling and operating procedures. A report that details, the outcome of the review, an improvement programme and the implementation of any revised operating practices, shall be provided to the Environment Agency.	6 months from recommencement of scrap melting
9.18	The Operator shall complete the necessary modifications/improvements to the furnace damper control system (as detailed in letter from Alphasteel received 20/4/07). The requirement for continued availability of the emergency furnace vent shall be assessed. As a result of this the vent shall either be blanked off or added to the permit.	6 months from recommencement of scrap melting
9.19	Undertake a survey of all underground pipework to determine its condition and assess the risk of leakage. The scope of the survey shall be agreed with the Environment Agency prior to commencement of the work. A report shall be provided to the Environment Agency that includes the results of the survey and a programme for completion of necessary repair or remediation work on a risk based approach.	2 years from recommencement of any production
9.20	The Operator shall undertake a review of the site procedures for dealing with waste oil including the existing storage facilities. A report shall be provided to the Environment Agency. Where existing facilities are not BAT compliant, proposals must be submitted for upgrading, or, replacement and the timetable for the work agreed with the Environment Agency.	1 year from recommencement of any production
9.21	A fugitive emission management plan shall be submitted to the Agency, detailing the measures to be used to control fugitive emissions from the site in general but to include specifically emissions of dust from the EAF building, EAF dust abatement plant, EAF dust handling operations and slag processing. The plan shall be subject to approval in writing by the Agency.	From recommencement of scrap melting

(1) Or as otherwise agreed in writing by the Environment Agency

8. The following condition is to be added:

2.13 Fugitive emissions of substances

2.13.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including those specified in the fugitive emission management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.