

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Tata Steel UK Ltd.

Tin Anode Plant
Trostre Works
Trostre
Llanelli
SA14 9SD

Variation application number
EPR/FP3730ZM/V002

Permit number
EPR/FP3730ZM

Tin Anode Plant

Permit number EPR/FP3730ZM

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

This variation is to remove the requirement to abate emissions from the two tin melting furnaces in a regenerative thermal oxidiser (RTO) and to remove the emission limits for volatile organic compounds (VOCs) and nitrogen dioxide (NO₂) from emission point A3. In 2011, Tata Steel UK Ltd changed the formulation of the electrolyte solution used in the tinplate lines at its adjacent Tinplate Works (which is permitted under permit number EPR/BX9471IU). The use of Phenol Sulphonic Acid (PSA) in the electrolyte solution was discontinued and replaced with Methane Sulphonic Acid (MSA). This change means that the source of emissions to air of phenol, arising from the melting of spent tin anodes in the tin melting furnaces, has been removed. As a consequence there is no longer a requirement to abate emissions of phenol from the process in the RTO. Emission limits for VOCs and NO₂ at emission point A3 have been removed as a result of this change.

The schedules specify the changes made to the original permit.

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

Status log of the permit

Description	Date	Comments
Application BT6365	Received 1/11/2002	Duly made.
Request for information (1 st Schedule 4 Notice)	Notice issued 23/12/2002	Further site report information required.
Request from applicant to extend response period for 1 st Schedule 4 Notice	Request received 17/1/2003 Response 17/1/2003	Request letter dated 16/1/2003. Agency agreed extension to 31/3/2003.
Request for information (2 nd Schedule 4 Notice)	Notice issued 14/3/2003	Further information on the process, its emissions, noise issues and emissions monitoring requested.
Response to 1 st Schedule 4 Notice	Received 1/4/2003	Response to Notice incomplete.
Response to 2 nd Schedule 4 Notice	Received 3/4/2003	Response to Notice incomplete.
Request for information (3 rd Schedule 4 Notice)	Notice issued 16/3/2003	Further information on noise issues and site report requested.
Response to 3 rd Schedule 4 Notice	Received 17/4/2003	Satisfactory responses now received to all Notices, except for some minor issues on site report.
1 st request by the Agency to extend the determination date to 11 July 2003.	Request made 13/5/2003 Response received 22/5/2003	Extension to determination period agreed.
Letter from Agency to applicant clarifying deficiencies in site report.	Letter issued 23/5/2003 Response received 17/6/2003	Satisfactory.
2 nd request by the Agency to extend the determination date to 18 July 2003.	Request made 4/7/2003 Response received 8/7/2003	Extension to determination period agreed.
Permit BT6365	16 July 2003	Permit granted and issued
Request to extend improvement condition 9.1 deadline	Letter received 17/9/2003	Deadline for completion 19/9/2003
Variation Notice BV9250	Served 26 th September 2003	Extension to IC 9.1 deadline to 17 th October 2003.
Permit Transfer SP3235MM	Issued 27 th October 2006	Permit Transfer from Brambles to Multiserv
Transfer application EPR/FP3730ZM/T001	Duly made date 21/12/2012	Transfer of Permit EPR/SP3235MM from Harsco Metals Group Ltd (previously Multiserv Group Ltd) to TATA Steel UK Ltd
Transfer issued EPR/FP3730ZM/T001 Permit Number EPR/FP3730ZM	Issued 24/12/2012	
Variation application EPR/FP3730ZM/V002	Duly made date 24/12/2014	Variation to remove the regenerative thermal oxidiser
Variation issued EPR/FP3730ZM/V002	Issued 07/04/2015	

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Natural Resources Body for Wales ("Natural Resources Wales") in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/FP3730ZM

issued to:
Tata Steel UK Ltd.

whose registered office is
**30 Millbank
London
SW1P 4WY**

company registration number **2280000**

to operate a regulated facility at
**Tin Anode Plant
Trostre Works
Trostre
Llanelli
SA14 9SD**

to the extent set out in the schedules.

The notice shall take effect from 07/04/2015

Name

Date

	07 April 2015
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Authorised on behalf of Natural Resources Wales

Schedule 1 – conditions to be deleted

Form S3/Air 2 shall be deleted.

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator.

Table 6.1.2 of Condition 6.1.3 shall be amended to

Table 6.1.2: Emissions limits into air			
Parameters	Emission Points		
	A1	A2	A3
Oxides of Nitrogen mg m ⁻³ * (expressed as carbon)	100	100	no limit (monitoring not required)
Frequency of monitoring ***	Annually **	Annually **	Annually **

* Monitoring for a minimum 4 hour sample period

** Twice in the year 2003 (i.e. the first 6-months of operation), thereafter once annually

*** Where monitoring is required, the frequency of monitoring is the same for both parameters

Table S2 of Schedule 2 shall be amended to

Table S2: Reporting of monitoring data			
Parameter	Emission Point	Reporting period	Period begins
Oxides of Nitrogen (as NO ₂) (mg m ⁻³)	A1 and A2	Every 12 months * (Annually)	01/07/2003

Note: * Monitoring required twice in the year 2003 (i.e. the first 6-months of operation),

Thereafter once annually (refer to Condition 6.1.3 and Table 6.1.2 (as amended))

Table S3 in Schedule 3 shall be amended to

Table S3: Reporting Forms		
Media/Parameter	Form Number	Date of Form
Air / Oxides of Nitrogen	S3/Air 1	19 October 2006
Air / Oxides of Nitrogen	S3/Air 3	19 October 2006

Table S3/AIR 1 shall be amended to

Table S3/AIR 1: Periodic Extractive Sampling				
Parameter: Oxides of Nitrogen (as NO₂)				
Release Point	Parameter concentration (mg/Nm ³)	Uncertainty error (+/- %)	Parameter Limit (mg/Nm ³)	Sample Date
A1			100	
A2			100	

Table S3/AIR 3 shall be amended to

Table S3/AIR 3: Annual Mass Release to Air		
Substance	Annual mass release (kg)	
	Release Point A1	Release Point A2
Oxides of Nitrogen (expressed as NO ₂)		

Schedule 3 – conditions to be added

None