



ENVIRONMENT
AGENCY

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Glossop Metal Salts

Plater Chemicals Limited
High Street West
Glossop
Derbyshire
SK13 8ES

Variation notice number
EPR/BS3158IR/V002

Case number
PR3439GT



Glossop Metal Salts Permit number EPR/BS3158IR Variation number RP3439GT

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.

The variation includes the production of:-

- Ferric or copper ammonium citrate in the existing installation;
- Mixed metal nitrates in the existing installation: and
- Zirconium propionate in shed 6 which is additional to the existing installation

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.

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 BS3158IR (EPR/BS3158IR/A001)	Received 17/08/05	
Request to extend determination	Request dated 13/01/06	Request accepted 16/01/06
Response to request for information	Request dated 03/03/06	Response dated 12/04/06
Request to extend determination	Request dated 26/04/06	Request accepted 02/05/06
Permit determined BS3158IR (EPR/BS3158IR)	06/10/06	
Application for variation RP3439RT (EPR/BS3158IR/V002)	Received 01/10/08	
Transfer Application EPR/AP3737GA to Plater Chemicals Limited	Received 20/04/09	
Transfer EPR/AP3737GA determined	Effective 22/04/09	
Response to request for information Received	Request dated 13/01/09	Response dated 11/11/09
Variation ERP/BS3158IR/V002 issued	23/12/09	

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2007

Permit number

EPR/BS3158IR as transferred by ERP/AP3737GA/T001

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.

Plater Chemicals Ltd. Trading as Lancashire Chemicals Works ("the operator"),

whose registered office is

Alrewas House
Main St
Alrewas
Burton on Trent
Staffs
DE13 7ED.


Company registration number 03218866

holds a permit to operate at

Glossop Metal Salts
High St West
Glossop
Derbyshire
SK13 8ES

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

The notice shall take effect from 1 January 2010

David E Marshall 	Date 23rd December 2009.
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Authorised on behalf of the Environment Agency

Variation number
EPR/BS3158IR/V002

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

Table 2.1.1 is amended to:-

Table e 2.1.1: Operating Techniques		
Description	Parts	Date received
Application	The response to questions 2.1 and 2.2 given in pages 6 to 35 of the application.	Application received 17/08/05, further information was supplied on 5/9/05
Request for Information	All information	18/04/06
Application for variation	The response to questions 2.1 and 2.2 given in pages 4 to 8 of the application excluding any references to the production of sodium formaldehyde metabisulphite	Application received 01/10/08
Request for information	All information	11/11/09

Table 2.2.1 is amended to:-

2.2.1 : Emission points to air		
Emission point reference or description	Source	Location of emission point
A1	Basic Metal salts Production Vessel VO4	Vessel VO4
A3	Basic Metal salts Production Vessel VO3	Vessel VO3
A4*	Chrome Salts Production Vessel VTL1 Chrome Salts Production Vessel VTL2 Rare Earth Salts Production Vessel VTL3	West of Vessel VTL1
A5*	Chrome Salts Production Vessel VTL1 Chrome Salts Production Vessel VTL2 Rare Earth Salts Production Vessel VTL3	North of Vessel VTL1
A7	HCL Storage	HCL Storage Vessel
A8	Nitric Acid storage	Nitric Acid Storage Vessel
A9	Acetic Acid storage	Western Acetic Acid Storage Vessel
A10	Rare Earth Salts Production Vessel SPV101 and ferric or copper ammonium citrate Production vessels SPV102 and SPV103	Vessels SPV101, SPV102 and SPV103. West of Shed 12 Mixing Department
A11	Zirconium Propionate Production Vessel VD3	Vessel VD3 , South West of Shed 6

* release points from multi purpose scrubbers only one process stream operates through one scrubber at any one time. The other processes do not operate at this time.

Table 2.2.2 is amended to

Table 2.2.2 : Emission limits to air and monitoring

Emission point reference	Parameter	Limit (including reference period) ¹	Monitoring frequency	Monitoring method
A1	Carboxylic (Organic) Acids (Acetic Acid or Formic Acid)	Acetic acid 20mg/m ³ Formic acid 20mg/m ³	6 monthly	Colour stain detection tube
A3	Carboxylic (Organic) Acids (Acetic Acid or Formic Acid)	Acetic acid 20mg/m ³ Formic acid 20mg/m ³	6 monthly	Colour stain detection tube
A4 Chrome	HCl Carboxylic Acids NOx	HCl 10mg/m ³ Acetic acid 80mg/m ³ NOx 200mg/m ³	6 monthly	Colour stain detection tube
A4 Rare Earth	HCl Carboxylic Acid NOx	HCl 10mg/m ³ Acetic acids 80mg/m ³ NOx 200mg/m ³	6 monthly	Colour stain detection tube
A5 Chrome	HCl Carboxylic Acid	HCl 10mg/m ³ Carboxylic acids 80mg/m ³	6 monthly	Colour stain detection tube
A5 Rare Earth	HCl Carboxylic Acid	HCl 10mg/m ³ Carboxylic acids 80mg/m ³	6 monthly	Colour stain detection tube
A7	HCl	HCl 10 mg/m ³	6 monthly	Colour stain detection tube
A8	NOx	NOx 200mg/m ³	6 monthly	Colour stain detection tube
A9	Acetic Acid	Acetic acid 80mg/m ³	6 monthly	Colour stain detection tube
A10	NOx Ammonia	NOx 200mg/m ³ Ammonia (see note 2)	6 monthly	Colour stain detection tube
A11	Propionic acid	Propionic acid (see note 3)	6 monthly	Colour stain detection tube

Note 1: See Section 6 for reference conditions

Note 2: limit to be set on completion of IC 7 in Table 1.4.1

Note 3: limit to be set on completion of IC8 in Table 1.4.1

Schedule 3 – conditions to be added

The following conditions are added to Table 1.4.1 of the permit

Table 1.4.1: Improvement programme

Reference	Requirement	Date
IC 7	The Operator shall submit a report of monitoring on the releases of ammonia from scrubber A10 during the first two batches of either ferric or copper ammonium citrate. The monitoring, using colour stain detection, tubes shall be carried out ½ hourly during the reaction stage. The report shall also include an assessment of environmental effect if any of the results are found to be greater than 10mg/m ³ .	Within 1 month of completion of the second batch
IC 8	The Operator shall submit a report of monitoring on the releases of propionic acid from scrubber A11 during the first two batches of zirconium propionate. The monitoring, using colour stain detection, tubes shall be carried out ½ hourly during the reaction stage. The report shall also include an assessment of environmental effect if any of the results are found to be greater than 20mg/m ³ .	Within 1 month of completion of the second batch

IC9

The Operator shall provide details of each of the abatement plants numbered A1 to A11 inclusive. The details shall include tower dimensions, type and size of packing, nominal liquid circulation rate, nominal fan capacity, details of any flow alarms and details of any pH control systems

31 December 2010

Schedule 4 – amended plan

Amended plan attached

