

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Enersys Newport

Enersys Limited
Stephenson Street
Newport
Wales
NP19 4XJ

Variation application number
EPR/NP3030BJ/V003
Permit number
EPR/ NP3030BJ

Enersys Newport

Permit number EPR/ NP3030BJ /V003

Introductory note

This introductory note does not form a part of the notice.

The site manufactures lead-acid batteries at the installation in Stephenson Street, Newport. The main production activities, involve the production of grey lead oxide from pure lead; the production of battery electrodes from lead or lead/tin alloys; coating of the electrodes with a grey lead oxide/ red lead oxide (purchased in) based paste; assembly of the batteries; filling of the battery cells with sulphuric acid followed by charging, testing the cells; and packing.

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

This variation NP3030BJ/V003 adds an additional Lead Oxide Production Mill, Mill number 4. The Mill is similar to and of the same capacity as the existing 24 tonne mill (Mill number 3). An additional abated emission point to air, designated A63, is added by this variation for Mill 4 emissions.

The Schedules specify the changes made to the original permit.

Schedule 1 of the notice lists any conditions that have been deleted, Schedule 2 of the notice lists any amended conditions and Schedule 3 of the notice 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 NP3030BJ	Received 06/01/05	
Response to request for information	Request 31/03/05, 19/10/05 & 27/10/05	06/06/05, 14/07/05, 23/11/05 & 01/12/05
Permit determined	19/12/05	
Application for variation EA/EPR/NP3030BJ/V002	Received 04/06/08	Duly made 24/06/08
Variation EA/EPR/NP3030BJ/V002 issued	30/6/08	
Application for variation EA/EPR/NP3030BJ/V003	Received 26/05/11	Duly made 15/06/11
Variation EA/EPR/NP3030BJ/V003 issued	20/06/11	

End of Introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/ NP3030BJ /V003

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies the environmental permit issued to

Enersys Ltd ("the operator"),

whose registered office is

21 St. Thomas Street

Bristol

England

BS1 6JS

Company registration number **731621**

to operate a regulated facility at

Enersys Newport

Stephenson Street

Newport

Wales

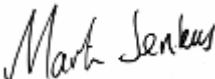
NP19 4XJ

to the extent set out in the schedules.

The notice shall take effect from 20/06/2011

Name

Date

	20th June 2011
---	----------------------------------

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

No conditions are deleted

Schedule 2 – conditions to be amended

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

- Table 1.1.1 (Permitted Activities) is amended by the addition of Mill 4 to: Section 4.2(A)(1)(a)(v). Table 1.1.1 becomes:-

Table 1.1.1 Permitted activities

Activity listed in Schedule 1 of the PPC Regulations / Associated Activity	Description of specified activity	Limits of specified activity
Section 4.2 (A)(1)(a)(v) Production of inorganic chemicals	Production of lead oxide – Grey Oxide Mills 1,2,3,4	Receipt of raw materials to inclusion in pasting process.
Section 4.2 (A)(1)(d) Manufacturing using, and possibly causing emission of, lead	Releases of lead to air – Pasting Lines 1,2,3,4	Receipt of raw material to production of lead oxide paste.
Section 2.2 (A)(1)(b) Melting, including making alloys, of non-ferrous metals, including recovered products (refining, foundry casting etc.	Lead melting - Nugget casters 1&2 - Cominco caster pots 1&2 - Strip mill pots 1&2 - Cast on strapping lines 1 to 4 - Continuous casting pots 1&2	Receipt of raw materials to battery product dispatch.
Section 5.3 Part A(1)(c)(i) – “Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by physico-chemical treatment....”	Effluent treatment plant	From receipt of effluent to dispatch to sewer or dispatch of water back to process.
Directly associated activity	Discharge of site run-off to surface water	From receipt of surface water to release to an unnamed blind rean leading to River Usk.
Directly associated activity	Assembly, charging and case sealing of batteries	From receipt of charged plates to despatch of batteries, disposal of waste and emission of exhaust gases.
Directly associated activity	Finished goods storage and dispatch	From receipt of completed batteries for storage to final product dispatch
Directly associated activity	Space heating boiler <20MW	From receipt of fuel to disposal of waste and release of combustion products

- Table 2.2.1 shall be amended (by the addition of emission point A63) and now reads:-

Table 2.2.1 : Emission points to air

Emission point reference or description	Source	Location of emission point
A1	Production of grey lead oxide Mill 1 via fabric filter and stack	Point A1 on Application site plan ENL 05
A2	Production of grey lead oxide Mill 2 via fabric filter and stack	Point A2 on Application site plan ENL 05
A3	Production of grey lead oxide Mill 3 via fabric filter and stack	Point A3 on Application site plan ENL 05
A4	Grey oxide handling via stack	Point A4 on Application site plan ENL 05
A5	Red oxide handling via stack	Point A5 on Application site plan ENL 05
A6	Strip mill melting process and Concast continuous casting process via wet scrubber and stack	Point A6 on Application site plan ENL 05
A7	Pasting process and nugget casting via wet scrubber and stack	Point A7 on Application site plan ENL 05
A8	Cominco casters via wet scrubber and stack	Point A8 on Application site plan ENL 05
A9	Assembly area via fabric filter and stack	Point A9 on Application site plan ENL 05
A10	Assembly area via fabric filter and stack	Point A10 on Application site plan ENL 05
A11	Granulator via fabric filter and stack	Point A11 on Application site plan ENL 05
A12	Chip handling via fabric filter and stack	Point A12 on Application site plan ENL 05
A13	T1 pasting area via fabric filter and stack	Point A13 on Application site plan ENL 05
A14	Waste storage area (break apart) via fabric filter and stack	Point A14 on Application site plan ENL 05
A15-A62 inclusive	Drying Ovens	Corresponding to points A15-A62 on Revised Application Site Plan ENL 05 submitted as further information 23/11/05
A63	Production of grey lead oxide Mill 4 via fabric filter and stack	Point A63 indicated as "New extraction Oxide mill 4" on Site Extraction layout drawing submitted as Document ref. number 8 as part of application NP3030BJ/V003

- Table 2.2.2 shall be amended (by the addition of emission point A63) and now reads:-

Table 2.2.2 Emission limits to air and monitoring 222S3.1 Point source emissions to air – emission limits and monitoring requirements 1,2

Emission point reference	Parameter	Limit (Annual average) Note 1,3	Limit (spot sample) Note 1	Monitoring frequency	Monitoring standard or method Note 2
A1	Lead	1.0mg/m ³	1.0mg/m ³	Monthly spot	BS EN 14385:2004
A2	Lead	1.0mg/m ³	1.0mg/m ³	Monthly spot	BS EN 14385:2004
A3	Lead	1.0mg/m ³	1.0mg/m ³	Monthly spot	BS EN 14385:2004
A4	Lead	0.25mg/m ³	0.25mg/m ³	Quarterly spot	BS EN 14385:2004
A5	Lead	0.25mg/m ³	0.25mg/m ³	Quarterly spot	BS EN 14385:2004
A6	Lead	0.30mg/m ³	1.5mg/m ³	Quarterly spot	BS EN 14385:2004
A7	Lead	0.25mg/m ³	1.5mg/m ³	Quarterly spot	BS EN 14385:2004
A8	Lead	0.20mg/m ³	1.5mg/m ³	Quarterly spot	BS EN 14385:2004
A9	Lead	0.20mg/m ³	0.75mg/m ³	Quarterly spot	BS EN 14385:2004
A10	Lead	0.20mg/m ³	1.0mg/m ³	Quarterly spot	BS EN 14385:2004
A11	Lead	0.15mg/m ³	0.75mg/m ³	Quarterly spot	BS EN 14385:2004
A12	Lead	0.15mg/m ³	0.75mg/m ³	Quarterly spot	BS EN 14385:2004
A13	Lead	0.40mg/m ³	1.0mg/m ³	Quarterly spot	BS EN 14385:2004
A14	Lead	0.40mg/m ³	1.0mg/m ³	Quarterly spot	BS EN 14385:2004
A63	Lead	1.0mg/m ³	1.0mg/m ³	Monthly spot	BS EN 14385:2004

Note 1 See condition 6.1.3 for reference conditions

Note 2 Or to an EN,BS or ISO standard as otherwise approved in writing by the Environment Agency

Note 3 Compliance with the annual average limit shall be demonstrated by the average of the quarterly results amended on a pro rata basis by the annual running time.

Schedule 3 – conditions to be added

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

- Table 1.4.1 – Improvement Programme - has the following conditions added:-

Table 1.4.1 Improvement programme requirements Note 1

	Condition	Date
IC14	The operator shall use amended reporting forms to air (not part of the permit) referred to in Schedule 3 of permit NP3030BJ to include additional reporting for lead oxide Mill 4 on the same basis as for Mills 1, 2, 3.	By the end of the first reporting period commencing after the start of commissioning on lead oxide Mill 4.
IC 15	The operator shall confirm in writing to the Environment Agency that the testing, checking and reporting methodology in the operators Quality system document OPS424, Environmental Monitoring Procedure, submitted as Document 12 in the application for permit variation NP3030BJ/V003 (or any update of this document approved in writing by the Environment Agency) is being fully applied to lead oxide Mill 4.	Before the end of the first reporting period commencing after the start of commissioning on lead oxide Mill 4.
IC16	The operator shall submit to the Environment Agency in writing a post-commissioning report for lead oxide Mill 4 aiming to demonstrate that the commissioned mill is operating satisfactorily within all permit requirements.	November 30 2011 (unless an alternative date is agreed in writing by the Environment Agency)

Note 1 Improvement programme requirements IC 1 to IC 13 have been completed.

Schedule 4 – amended site plan

None –existing plan applies

End of variation