

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Enersys Newport
Enersys Ltd
Stephenson Street
Newport
Wales
NP19 4XJ

Variation notice number
EA/EPR/NP3030BJ/V002

Permit number
NP3030BJ

EnerSys Newport

Permit Number NP3030BJ

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 site manufactures lead-acid batteries at the facility 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 (“forming”); testing the cells; and packing. .

The variation is to allow the operation of a continuous casting ‘Concast’ process as an alternative route for the existing grid manufacturing methods at the plant. The Concaster and strip mill second pot will not run at the same time. The new machine/process maintains the current capacity of two continual casting machines with less waste generated and a reduction in energy and raw materials. Emissions to air from the process shall be controlled by the existing emission point A6 via a wet scrubber and stack and monitored on a quarterly basis as per the existing permit requirements.. The existing emission limit value for emission point A6 and the respective monitoring requirements remain unchanged.

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 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 24/6/08	
Permit determined	30/6/08	
Variation EA/EPR/NP3030BJ/V002 issued	30/6/08	
Other Part A installation permits relating to this installation		
Operator	Permit Number	Date of Issue
None		

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2007

Permit number

NP3030BJ

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.

Enersys Ltd ("the operator"),

of/ whose registered office/or principal office is

21 St. Thomas Street

Bristol

England

BS1 6JS

Company registration number; **731621**

holds a permit to operate a regulated facility at

to operate an Installation(s) at

Enersys Newport

Stephenson Street

Newport

Wales

NP19 4XJ

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

The notice shall take effect from 30/6/2008

Name	Date
Andrew Gibbs	

Authorised on behalf of the Agency

Schedule 1 – conditions to be deleted

1. None

Schedule 2 – conditions to be amended

1.1.1 shall be amended to

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	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 reeve 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

2.2.1 shall be amended to;

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

Schedule 3 – conditions to be added

2. None