



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

**AMG Resources Ltd.
Nevill's Dock,
Llanelli,
Carmarthenshire
SA15 2HD**

Variation Notice number

HP3339LS

Permit number

BM2381IQ

Introductory note

This introductory note does not form a part of the Variation Notice.

The following Notice is issued under Regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a Permit issued under the Regulations to operate an installation.

The Notice comprises Schedule 1 containing conditions to be deleted, Schedule 2 conditions to be amended and Schedule 3 conditions to be added. The Notice is subject to the express conditions set out in Schedules 1 to 3.

The Permit, as amended by this Variation Notice, contains conditions which have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the condition implied by Regulation 12(10) of the PPC Regulations, that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Brief description of the installation regulated by this permit

The process involves the detinning of scrap tinplate by a chemical process and the recovery of the tin from the liquors used via an electrochemical operation.

Tinplate feedstock, either from scrap or returned used steel cans, is shredded and magnetically separated from non-ferrous material from which the aluminium content is later recovered. The ferrous material is then conveyed through a series of thirteen tanks fitted with screw conveyors where the chemical leaching of the tin is undertaken.

The first nine of these tanks contain a hot sodium hydroxide and sodium nitrite solution that progressively strips the tin from the steel. This process produces steam which carries most of the evolved ammonia and nitrogen out through roof vents.

The shredded tinplate and chemical solution flows counter currently resulting in stripped steel, which is then rinsed in the last four tanks and then baled ready for subsequent sale to a steelworks. The chemical solution, containing sodium stannate, is then filtered. This tin rich liquor then passes to the electrochemical stage where the tin is deposited on cathodes. These are then lifted out, washed, dried and then dipped in a bath of molten tin to melt off the plated tin. This tin is then either cast into ingots or recovered as a powder for sale.

This process remains that carried out on authorisation BM2381. Since the original permit (BM2381) was issued, the Agency has implemented a new permit administration system that has changed the permit reference to BM2381IQ.

Brief description of the changes introduced by this variation notice.

This variation makes the following amendment to PPC permit BM2381:

Delete condition 6.3.2 and insert new conditions 6.3.2 and 6.3.3 to require the Operator to stay within the surface water discharge limits as tabled in Table 6.3.2.

Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
None		

Superseded Licenses/Consents/Authorisations relating to this installation

Holder	Reference Number	Date of Issue
None		

Talking to us

If you contact the Agency about this Permit please quote the Permit Number.

The Operator should use the Emergency Hotline telephone number (0800 80 70 60) or any other number notified to it to give a notification under condition 5.1.1 of the Permit.

Confidentiality

The Permit/Variation requires the Operator to provide information to the Agency. The Agency will place the information onto the public registers in accordance with the requirements of the PPC Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Agency to have such information withheld from the register as provided in the PPC Regulations. To enable the Agency to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Variations to the permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of the Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Surrender of the permit

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made. For the applicant to be successful, they would have to be able to demonstrate to the Agency, in accordance with Regulation 19 of the PPC Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

Transfer of the permit or part of the permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 18 of the PPC Regulations. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.

Status Log

Detail	Date	Comment
Application BM 2381	Received 28/12/01	Duly Made 28/12/01
1 st Schedule 4 Notice request for information	Request issued 08/03/02	Response received 19/04/02
Request by Agency to extend determination to 23/05/02	Request dated 25/04/02	Request accepted 07/05/02
Request by Agency to extend determination to 28/07/02	Request dated 24/05/02	Request accepted 11/06/02
2 nd Schedule 4 Notice request for information	Request issued 22/07/02	Response received 13/09/02
Request by Agency to extend determination to 15/11/02	Request dated 16/09/02	Request accepted 19/09/02
Request by Agency to extend determination to 17/01/03	Request dated 08/11/02	Request accepted 11/11/02
Request by Agency to extend determination to 04/04/03	Request dated 10/01/03	Request accepted 13/01/03
Request by Agency to extend determination to 14/05/03	Request dated 01/04/03	Request accepted 03/04/03
Request by Agency to extend determination to 14/07/03	Request dated 12/05/03	Request accepted 13/05/03
Request by Agency to extend determination to 14/10/03	Request dated 03/07/03	Request accepted 07/07/03
Request by Agency to extend determination to 14/11/03	Request dated 03/10/03	Request accepted 07/10/03
Permit BM2381	Determined 11/11/03	-
Variation notice BX1721	Served 21/01/04	Agency initiated – clarification of condition 3.1.6.
Variation notice LP3639BS	Served 22/12/04	Agency initiated and Operator requested – removal of conditions 2.2.3 and 6.3.3, removal of requirement to sample at low tide, introduction of limits for surface water releases and addition of improvement condition to assess the interference from sea-water contamination on analytical results obtained from surface water discharge.
Variation notice HP3339LS	Effective 02/02/2006	Agency Initiated – Clarification of condition 6.3.2 and addition of 6.3.3 requiring operator not to exceed surface water limits

End of introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000



**ENVIRONMENT
AGENCY**

Variation Notice

Permit number (The Permit)

BM2381IQ

Variation Notice number

HP3339LS

The Environment Agency in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I. 2000 No. 1973) (as amended), hereby varies the Permit issued on 11th

November 2003 and held by you

AMG Resources Limited ("the Operator"),

Of/ whose Registered Office is

29 Lower Trinity Street,

Birmingham

B9 4AG

Company registration number **1515585**

which relates to the operation of an Installation at

Nevill's Dock,

Llanelli,

Carmarthenshire

SA15 2HD

to the extent set out in Schedules 1 to 3 of this Variation Notice.

This Notice shall take effect from 2nd February 2006 at 00.01 hours.

Signed

B TATE

Authorised to sign on behalf of the Environment Agency

Date

1st February 2006

BM2381IQ/HP3339LS

Effective from 2nd February 2006

SCHEDULE 1 - CONDITIONS TO BE DELETED

- 6.3.2 The Operator shall carry out surface water monitoring of the parameters listed in Table 6.3.2, and at least at the frequencies listed in that Table.

SCHEDULE 2 - CONDITIONS TO BE AMENDED

None

SCHEDULE 3 - CONDITIONS TO BE ADDED

- 6.3.2 The limits for the emissions to surface water for the parameter(s) and emission point(s) set out in Table 6.3.2 shall not be exceeded.
- 6.3.3 The Operator shall carry out monitoring of the parameters listed in Table 6.3.2 from the emission points and at least at the frequencies specified in that Table.

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Asiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

Mr Jason Carpenter
Director of Raw Material Purchasing
AMG Resources Ltd
29 Lower Trinity Street
Birmingham
B9 4AG

Ein cyf/Our ref: EA/PPC/ HP3339LS

Eich cyf/Your ref:

Dyddiad/Date: 1st February 2006

Dear Sir/Madam

THE POLLUTION PREVENTION AND CONTROL (ENGLAND AND WALES) REGULATIONS 2000 (SI 2000 No. 1973)

Variation Number HP3339LS to Permit Number BM2381IQ

1. Your variation to your permit has been determined, and I am pleased to enclose a copy of the Variation Notice.
2. The permit is hereby varied in accordance with the schedule attached to the Notice.
3. Implied in every permit granted under the above Regulations there is a general condition, given by Regulation 12(10), that, in operating the installation to which the permit applies, the person operating it on must use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.
4. Your notice is drawn to your Right of Appeal under Regulation 27 of the Regulations where you are not satisfied with the conditions of the variation. You should note, however, that Schedule 8 of the Regulations, requires that appeals are made to the First Secretary, the National Assembly for Wales within six months of the date of issue of the attached Variation Notice.
5. All returns required under the Permit should be sent to the PIR/RSR Department, Environment Agency Wales, Maes Newydd, Llandarcy, Neath Port Talbot SA10 6JQ.

Continued..

Asiantaeth yr Amgylchedd Cymru
Maes Newydd, Llandarcy,
Castell-Nedd Port Talbot, SA10 6JQ
Llinell gwasanaethau cwsmeriaid: 08708 506 506
Epost: enquiries@environment-agency.gov.uk
www.asiantaeth-amgylchedd.cymru.gov.uk

Environment Agency Wales
Maes Newydd, Llandarcy, Neath Port Talbot, SA10 6JQ
Customer services line: 08708 506 506
Email: enquiries@environment-agency.gov.uk
www.environment-agency.wales.gov.uk



6. Please would you acknowledge receipt of this Variation Notice. A copy of the Notice will be placed on the Public Register.

Yours faithfully



RHIAN ISAAC
Technical Support Officer (PIR/RSR)

Direct Dial: 01792 325542

Cc Mr Phil S Kultschar, Works Manager, AMG Resources LTD, Nevill's Dock, Llanelli, SA15 2HD.

Ms Sarah Burley, Business Development Manager, EXCAL Limited, Capel Hendre Ind Estate, Capel Hendre, Ammanford.

Encs

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Asiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

Mr Phil S Kultschar
Works Manager
AMG Resources
Nevill's Dock
Llanelli
SA15 2HD

Ein cyf/Our ref: EA/PPC/ HP3339LS

Eich cyf/Your ref:

Dyddiad/Date: 1st February 2006

Dear Mr. Madden

THE POLLUTION PREVENTION AND CONTROL (ENGLAND AND WALES) REGULATIONS 2000 (SI 2000 No. 1973)

Variation Number HP3339LS to Permit Number BM2381IQ

Your variation to your permit under the above Regulations has been determined and I am pleased to enclose a copy of the Variation Notice and dated reporting forms. I also enclose a copy of the letter sent to your Company Secretary.

Please would you acknowledge receipt of the Variation notice.

Yours sincerely

RHIAN ISAAC
Technical Support Officer (PIR/RSR)

Direct Dial: 01792 325542

Encs

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Asiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

Mr. R D Evans
Public Health Services Manager
Environmental Health & Public
Protection
**Carmarthenshire County Borough
Council**
3 Spilman Street
Carmarthen
SA31 1LE

Ein cyf/Our ref: EA/PPC/ HP3339LS

Eich cyf/Your ref:

Dyddiad/Date: 1st February 2006

Dear Mr Evans,

**POLLUTION PREVENTION AND CONTROL (ENGLAND AND WALES)
REGULATIONS 2000 (SI 2000 No. 1973)**

APPLICATION FOR VARIATION TO PERMIT: BM2381IQ

REFERENCE: HP3339LS

OPERATOR: AMG Resources Limited

1. Please find the enclosed copy of a variation issued on the 1st February 2006 under the above Regulations to AMG Resources Limited. A copy of this variation is required to be placed on the Public Register maintained by you.
2. A copy marked "Carmarthenshire Council use only" must not be made available for public inspection - it is for the local authority's use.
3. If you have any queries relating to this permit, they should be addressed to the Site Inspector, Mr Donald Stewart, at the address detailed below.

Yours sincerely

RHIAN ISAAC

Technical Support Officer (PIR/RSR)

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Direct Line: 01792 325542

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Decision Document – PPC Permit Variation – Variation No. HP3339LS
Operator: AMG Resources Ltd, Nevill's Dock, Llanelli, Carmarthenshire. SA15 2HD
PPC Permit Number: BM2381IQ

Background

AMG have exceeded their limit for Total Oxidised Nitrogen from their surface water discharge point W1 5 times in the last 12 months. They were therefore due a warning letter. Close examination of the permit at this time showed that the permit had not been correctly written and was unenforceable. It does not actually state that the limit must be complied with.

The application is considered to be a non-chargeable variation because it involves a minor administrative change to correct an Environment Agency error in the wording only.

Variation

Condition 6.3.2 to be deleted

6.3.2 The Operator shall carry out surface water monitoring of the parameters listed in Table 6.3.2, and at least at the frequencies listed in that Table.

and replaced with a new 6.3.2 and 6.3.3 as follows:

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

6.3.3 The Operator shall carry out monitoring of the parameters listed in Table 6.3.2 from the emission points and at least at the frequencies specified in that Table

Correspondence

None yet. A letter will be sent to AMG with an explanation. There is no change in the permit as far as their understanding of it. The wording has just been clarified to make it enforceable.

Guidance

None used or required.

Consultation

Due to the administrative nature of this variation, it was not deemed necessary to carry out any consultations.

Public Participation Directive

Not required, minor administrative variation.

EP-OPRA and Process schedule reference

There has been no change to either their EP-OPRA score or process . The EP OPRA score remains at 86.

Activity Reference/ Process Schedule Reference

2.2A(1) a / Production and Processing of non-ferrous metals.

Public Register

The variation will be on the public register.

Conclusion


The wording of the conditions was changed to allow the maximum limits for surface water discharged at W1 to be enforced.

Prepared by: Donald Stewart
PIR/RSR Regulatory Officer



Date: 23rd January, 2006

Reviewed by: Barbara Tate
PIR/RSR Team Leader



Date: 1st February, 2006