



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

**IMCO Recycling (UK) Limited
Waunarlwydd Works,
Waunarlwydd,
Swansea.
SA5 4SF**

Variation Notice number

BX1411

Permit number

BM1385

Introductory note

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

The following Notice is served 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 part of 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 changes introduced by this variation notice.

This variation notice is served to make the following amendments to PPC permit BM1385:

- a) Reduction of particulate emission levels for stacks A3 and A4 from 7mg/m^3 to 5mg/m^3 in line with Best Available Techniques standards.
- b) Reduction of hydrogen chloride (HCl) emission limit for stack A4 from 15mg/m^3 to 10mg/m^3 in line with Best Available Technique standards.
- c) Add an Improvement Condition for follow up work on the possible areas of reduction of heat loss/energy loss identified as part of the Operator's response to Improvement Condition 9.7 of PPC permit BM1385.

Brief description of the activities carried out by IMCO Recycling (UK) Limited at this Installation.

The main purpose of the activity at the IMCO part of the installation is to recover aluminium from dross and other scrap aluminium. The process involves the processing of non-ferrous metals from secondary raw materials by metallurgical means and is therefore described in Schedule 1, Part A(1), section 2.2, paragraph (a) of the PPC Regulations.

The aluminium dross is melted in the presence of a salt flux and the molten aluminium drained away in to moulds or transferred in a molten state to the neighbouring Alcoa site. The remaining salt flux and other contaminants are removed from the base of the furnace and sent for re-processing to remove the remaining aluminium and recycle the salt flux.

Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
Alcoa Europe Flat Rolled Products	BM1377	12 Aug 2003

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 BM1385	Received 14/12/01	
Response to request for information	1 st Schedule 4 notice, Dated 08/12/02	Response received 20/02/02
	2 nd Schedule 4 notice, Dated 25/04/02	Response received 18/07/02
	3 rd Schedule 4 notice, Dated 10/10/02	Response received 31/10/02
	4 th Schedule 4 notice, Dated 04/11/02	Response received 18/12/02 and 25/04/03
	5 th Schedule 4 notice, Dated 03/06/03	Response received 23/06/03
Request by Agency to extend determination date from 27/08/02 to 27/11/02	Request dated 19/07/02	Request accepted 24/07/02
Request by Agency to extend determination date from 27/11/02 to 27/02/03	Request dated 28/10/02	Request accepted 30/10/02
Permit BM1385	Granted 05/09/03	
Variation notice BX1411	Served 19/01/04	Reduction in emission limits and addition of Improvement condition 9.14.

End of introductory Note

Effective from 21st January 2004

BM1385/BX1411

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000



**ENVIRONMENT
AGENCY**

Variation Notice

Permit number (The Permit)

BM1385

Variation Notice number

BX1411

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 5th September 2003 and held by you.

IMCO Recycling (UK) Limited ("the Operator"),

Of/ whose Registered Office is

**P.O. Box 38,
Waunarlwydd Works,
Waunarlwydd,
Swansea.
SA5 4YG**

Company registration number **2055066**

which relates to the operation of part of Installation at

**Waunarlwydd Works,
Waunarlwydd,
Swansea. SA5 4SF**

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

This Notice shall take effect from 21st January 2004 at 00.01 hours.

Signed

DARON HERBERT

Authorised to sign on behalf of the Environment Agency

Date

19 January 2004

Effective from 21st January 2004

SCHEDULE 1 - CONDITIONS TO BE DELETED

None

SCHEDULE 2 - CONDITIONS TO BE AMENDED

1. In Table 6.1.3 on pages 13 to 14 of Permit BM1385 in the row relating to particulate emissions in the column headed "A3" the limit is amended from 7mg/m^3 to 5mg/m^3 .
2. In Table 6.1.3 on pages 13 to 14 of Permit BM1385 in the row relating to particulate emissions in the column headed "A4" the limit is amended from 7mg/m^3 to 5mg/m^3 .
3. In Table 6.1.3 on pages 13 to 14 of Permit BM1385 in the row relating to hydrogen chloride emissions in the column headed "A4" the limit is amended from 15mg/m^3 to 10mg/m^3 .

SCHEDULE 3 - CONDITIONS TO BE ADDED

The following Improvement Condition shall be added to Table 9.1.1 on pages 23 to 25 of Permit BM1385.

Table 9.1.1: Improvement programme requirements (contd.)

Ref.	Requirement	Date
9.14	The Operator shall review the possible improvements to reduce heat loss from the furnaces at the installation that were identified as part of the Operator response to Improvement Condition 9.7 of permit BM1385. Where such improvements represent BAT the Operator shall propose a timetable by which such improvements shall be completed.	31 March 2004