

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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**Real Alloy Uk Limited**

**Waunarlwydd Works  
Waunarlwydd  
Swansea  
SA5 4SF**

Variation number

**EPR/EP3935UC/V008**

Permit number

**EPR/EP3935UC**

# Waunarlwydd Works

## Permit number EPR/EP3935UC

### Introductory note

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

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

Real Alloy UK Limited have applied for a variation to the permit for Waunarlwydd works (EPR/EP3935UC) to for the following proposed changes to the installation;

- Addition of a shredder and baler for the treatment of waste (up to 3000 kg/hour) prior to the main processing activity.
- Increase the annual waste throughput limit (in Table S2.2 of the permit) from 65,000 tonnes per year to 80,250 tonnes per year.
- Increase the maximum salt slag storage on site from 15,000 tonnes to 25,000 tonnes.

The schedules specify the changes made to the permit.

tatus log of the permit		
Description	Date	Comments
Application BM 1384	Received 14/12/2001	
Additional information received	20/02/2002	Response to 1 <sup>st</sup> Schedule 4 notice.
Additional information received.	18/07/2002	Response to 2 <sup>nd</sup> Schedule 4 notice.
Additional information received.	18/07/2002	Response to 3 <sup>rd</sup> Schedule 4 notice.
Additional information received.	18/07/2002	Response to 4 <sup>th</sup> Schedule 4 notice.
Additional information received.	18/07/2002	Response to 5th Schedule 4 notice.
Request by the Environment Agency to extend determination date from 27/08/02 to 27/11/02	Request dated 19/07/2002	Request accepted 24/07/2002
Request by the Environment Agency to extend determination date from 27/11/02 to 27/02/03	Request dated 28/10/2002	Request accepted 30/10/2002
Permit BM 1385	Granted 05/09/2003	
Variation notice BX1411	Effective 19/01/2004	Reduction in emission limits and addition of improvement condition 9.14
Variation notice	Effective	Addition of 4 further Improvement

WP3339SP	18/01/2005	Conditions (9.15 to 9.18) linked to raw material storage, unauthorised release of aluminium, furnace fumes on start-up and addition of a higher percentage of oily material/ thermal breaks to furnace. Setting of limits for ammoniacal nitrogen to water and sulphur dioxide to air.
Variation notice GP4232MN	Effective 29/06/2007	Amendment of SO2 limits for release point A4 and changes in sampling frequencies for some surface water determinants. Additional improvement items requiring investigation into site surface water also included. Schedule d1 has been renamed to Schedule 1.
Transfer EP3935UC (T001)	Received 01/03/2007 Effective 26/07/2007	Whole transfer from IMCO Recycling (UK) Ltd to Aleris Recycling (Swansea) Ltd. Consolidation of permit conditions.
Variation application EPR/EP3935UC/V002	Duly made 09/08/2013	Application to replace bag house plants and introduce an oxy-fuel combustion system.
Additional information received	17/10/2013	Revised Part A, Part C3 and updated emission point plan.
Additional information received	30/11/2013	Confirmation of monitoring standards and proposals for supplying baseline groundwater data.
Variation EPR/EP3935UC/V002	11/12/2013	Varied and consolidated permit issued in modern condition format.
Variation application EPR/EP3935UC/V003	Duly made 09/06/15	Administrative variation to reflect company name change.
Variation application EPR/EP3935UC/V003 determined	03/07/15	Variation issued.
Variation application EPR/EP3935UC/V004	Duly made 28/08/15	Application to increase installation boundary and include 1.5 tonne rotary furnace.
Additional information requested	11/11/15	Revised site plan and pollution control measures for additional aluminium scrap storage areas.
Additional information received	18/12/15	Revised site plan and information regarding storage pollution control received.
Additional information requested	17/11/15	Revised raw materials and wastes storage and handling description document, including plan showing storage locations for raw materials

		and wastes.
Additional information received	18/12/15	Raw materials and wastes storage and handling document and plan received.
Variation application EPR/EP3935UC/V004 determined	05/02/16	Variation issued.
Regulation 60(1) Notice of request for information	27/07/16	
Regulation 60(1) response received	31/10/16	Implementation of BAT conclusions under IED
Natural Resources Wales Non-Ferrous Metals Sector Review 2016 Permit EPR/EP3935UC Variation issued EPR/EP3935UC/V005	26/04/17	Varied and consolidated permit issued in modern IED condition format.
Variation application EPR/EP3935UC/V006	Duly Made 16/11/17	Application to increase installation boundary for storage of salt slag produced on site.
Variation application EPR/EP3935UC/V006 determined	31/01/18	Variation issued
Variation application	07/01/19	Application to increase the installation boundary for addition storage of salt slag
Variation determined EPR/EP3935UC/V007	27/01/20	Variation issued
Variation application PAN-017925 (EPR/EP3935UC/V008)	Duly Made 08/09/2022	Application to include the installation of a shredder and associated balers on site to process incoming material, Increase the waste throughput to 80,250 tonnes per annum and Increase the maximum quantity of salt slag storage to 25,000 tonnes per annum.
Variation application PAN-017925 (EPR/EP3935UC/V008)	16/11/2022	Response to schedule 5 notice on H1 modelling
Variation application PAN-017925 (EPR/EP3935UC/V008)	06/01/2023	Response to schedule 5 for a fire prevention and mitigation plan
Variation application PAN-017925 (EPR/EP3935UC/V008)	10/01/2023	Submission of detailed air dispersion modelling.

End of introductory note

## Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

Permit number  
**EPR/EP3935UC**

issued to  
**Real Alloy Uk Limited** (“the operator”)

whose registered office is  
**Westfield Industrial Park**  
**Waunarlwydd**  
**Swansea**  
**SA5 4SF**

company registration number **03221771**

to operate a regulated facility at  
**Waunarlwydd Works**  
**Waunarlwydd**  
**Swansea**  
**SA5 4SF**

to the extent set out in the schedules.

The notice shall take effect from 21/02/2023

Signed

Date

**David Poole**

**21/02/2023**

Authorised on behalf of Natural Resources Wales

**Schedule 1**

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

**Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.