

# Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

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**CELSA Manufacturing (UK) Limited**

**Tremorfa Melt Shop  
Seawall Road  
Tremorfa  
Cardiff  
CF24 5TH**

Variation number

**EPR/TP3639BH/V007**

Permit number

**EPR/TP3639BH**

# **Tremorfa Melt Shop**

## **Permit number EPR/TP3639BH**

### **Introductory note**

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

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

This variation increases the metal shearing limit from 1000 tonnes per month to 5000 tonnes per month. Shearing of scrap will be performed within the installation boundary and limited to 5000 tonnes per month, with the shearing activity being performed by mobile hydraulic equipment. The control of environmental impacts from the shearing activity will be managed through the established, and ISO 14001 certified, site Environmental Management System.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application TP3639BH	Received 15/10/2004	
Request for additional information	22/12/2004	
Additional information received	03/02/2005	
Request to extend determination	18/03/2005	
Request accepted	22/03/2005	
Request to extend determination	29/04/2005	
Request accepted	03/05/2005	
Permit determined TP3639BH	11/05/2005	
Application EPR/TP3639BH/V002 (variation and consolidation)	Duly made 21/12/2011	Application to vary, consolidate and update the permit to modern conditions.
Request for additional information	17/02/2012	Trade effluent consent for emission point S1 and updated site plan showing emission point locations.
EA request to extend determination date to 20/04/12	20/03/2012	
Extension request agreed	22/03/2012	
Additional information received	23/02/2012 & 10/04/2012	
Variation determined Consolidated Permit: EPR/TP3639BH	24/04/2012	Varied and consolidated permit issued in modern condition format. The following permits have been consolidated: EPR/TP3639BH, EPR/BU2098IP and EPR/WP3699FQ
Regulation 60(1) Notice of request for more information	03/09/2013	
Regulation 60(1) response received	30/04/2014	Implementations of BAT conclusions under IED
Natural Resources Wales Iron and Steel Sector Review 2014 Permit EPR/TP3639BH Variation issued EPR/TP3639BH/V003	17/11/2015	Varied and consolidated permit issued in modern IED condition format
Application PAN-000449	Duly Made 23/06/2016	Application to vary permit to add waste codes.

Variation determined EPR/TP3639BH/V004	20/07/2016	Varied permit issued.
Application PAN-001189	Duly Made 04/01/2017	Application to increase millscale storage capacity.
Variation determined EPR/TP3639BH/V005	24/01/2017	Varied permit issued.
Application for variation PAN-001610	Duly Made 08/06/2017	Application to add mechanical shearing to permitted activities as part of scrap metal pre- treatment.
Variation determined EPR/TP3639BH/V006	20/06/2017	Varied permit issued.
Application for variation PAN-005161	Duly Made 18/06/2019	Application to increase the shearing scrap metal limit to 5000 tonnes per month.
Variation determined EPR/TP3639BH/V007	09/07/2019	Varied permit issued.

End of introductory note

## Notice of variation

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

Permit number  
**EPR/TP3639BH**

issued to:  
**CELSA Manufacturing (UK) Limited** (“the operator”)

whose registered office is

**Building 58  
East Moors Road  
Cardiff  
CF24 5NN**

company registration number **04577881**

to operate a regulated facility at

**Tremorfa Melt Shop  
Tremorfa Works  
Seawall Road  
Cardiff  
CF24 5TH**

to the extent set out in the schedules.

The notice shall take effect from 09/07/2019

Signed

Date

**Holly Noble**

**09/07/2019**

Authorised on behalf of Natural Resources Wales

## Schedule 1 – conditions to be deleted

None.

## Schedule 2 – conditions to be amended

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

Table S1.1 shall be amended to

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A1	Producing steel using electric arc furnaces with a designed holding capacity of 7 tonnes or more [Schedule 1 Activity – Chapter 2, Section 2.1, Part A(1)(b)(i)]	The operation of an electric arc furnace, including ladle furnace; continuous caster; fume extraction plant; baghouse dust storage; oxygen, argon and nitrogen storage.	The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.  Waste types as specified in Table S2.2.
A2	Section 5.4 Part A(1) (b) (iii) Recovery or a mix of recovery and disposal of non-hazardous waste in an installation with a capacity of over 75 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC - treatment of slags and ashes.	Slag collection and transfer from installation to waste operation  Cooling and breaking of hot metal residues by drop balling and oxygen lancing prior to return to the electric arc furnace.  <b>R4:</b> Recycling/reclamation of metals and metal compounds  <b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.  Waste types as listed in table S2.2

### Directly Associated Activity

A3	Scrap handling and storage	<p>Scrap unloading, sorting and storage. Loading into baskets and transfer to the furnaces.</p> <p><b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p><b>R4:</b> Recycling / reclamation of metals and metal compounds</p>	<p>The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.</p> <p>Storage of waste scrap metal in dedicated scrap storage areas prior to submission to the scheduled activity.</p> <p>Storage shall be limited to:</p> <ul style="list-style-type: none"> <li>- 200,000 tonnes for waste type 20 01 40</li> <li>- 1,000 tonnes for waste type 19 12 03 at any one time.</li> </ul> <p>Treatment shall be limited to:</p> <ul style="list-style-type: none"> <li>- sorting of waste scrap prior to submission to the scheduled activity</li> <li>- shearing of up to 5000 tonnes of scrap metal per month prior to submission to the scheduled activity</li> </ul>
A4	Other raw material handling	Unloading, storage and transfer to the furnaces.	The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.
A5	Billet Storage	Storage in billet warehouse	The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.
A6	Water Treatment Systems	Closed circuit water cooling systems and open circuit water treatment plant (removing scale).	The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.
A7	Scale handling	Dewatering of scale removed in water treatment.	The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.
A8	Electric Arc Furnace Dust storage and handling	Storage of EAF dust collected from the EAF dust abatement plant prior to transportation off site for recovery	<p>The limits of specified and associated activities collectively comprise all activities carried out in the installation between the receipt of raw materials and the supply of finished products.</p> <p>Storage shall be limited to:</p> <ul style="list-style-type: none"> <li>- 1,000 tonnes for waste type 10 02 07* at any one time.</li> </ul>

A9 Waste transfer station with treatment	<p><b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p><b>R3:</b> Recycling/ reclamation of organic substances which are not used as solvents</p> <p><b>R4:</b> Recycling/ reclamation of metals and metal compounds</p> <p><b>R5:</b> Recycling/ reclamation of other inorganic compounds</p>	<p>All non-hazardous waste must be stored and treated on an impermeable surface with sealed drainage.</p> <p>All inert wastes must be stored and treated on hardstanding or an impermeable surface with sealed drainage.</p> <p>Treatment operations shall be limited to:</p> <ol style="list-style-type: none"> <li>1. manual sorting / separation</li> <li>2. mechanical sorting / screening /separation</li> <li>3. shredding</li> <li>4. compaction</li> <li>5. crushing of slag using dedicated plant</li> <li>6. weathering of slag</li> </ol> <p>of waste into different components for recovery.</p> <p>Storage of the waste types specified below at any one time shall not exceed the limits given:</p> <p>20 03 01 – 150 tonnes  17 01 07 – 1,000 tonnes  10 02 10 – 6,000 tonnes  10 02 99 – 3,000 tonnes  10 02 01 – 300,000 tonnes  16 11 02 – 1,000 tonnes</p> <p>Waste types as specified in Table S2.3.</p> <p>Notwithstanding the waste types permitted in table S2.3 wastes which have any of the following characteristics shall not be accepted;</p> <ul style="list-style-type: none"> <li>- wastes consisting of or contaminated with Japanese Knotweed</li> <li>- wastes consisting of or contaminated with asbestos</li> <li>- consisting solely or mainly of dusts, powders, or loose fibres</li> <li>- hazardous wastes</li> <li>- wastes in the form of liquid or sludge</li> <li>- liquefied petroleum gas cylinders</li> <li>- any putrescible wastes</li> <li>- healthcare or clinical wastes</li> </ul>
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Table S1.2 shall be amended to

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application TP3639BH	The response given to questions 2.1 and 2.2 given in pages 27-49 of sections 2.3 and 2.4 of the application.	15/10/04
Schedule 4 Notice (Application TP3639BH)	Responses to questions S1.3 Q28 S2.1 Q3 S2.2 Q1 S2.3 Q3, Q13	03/02/05
Application EPR/TP3639BH/V002	The response to Form C2, question 5a given on page 8 of main application document 11-1079 – confirming that the boundary of the original scrap storage area is being extended to reflect current usage patterns.	25/10/11
Application EPR/TP3639BH/V002 Further Information Required for Duly Making	The response to question 2 – confirming that scrap metal storage and handling in the area of the former old melt shop permit (EPR/BU2098IP) will take place within the Old Melt Shop building for noise attenuation purposes. The response to question 3 – outlining the control measures used to prevent pollution from the scrap metal storage area within the Old Melt Shop building. The response to question 6 – detailing control measures in place to minimise the environmental impact of the drop ball process. The response to question 7 – detailing the Lancing booth specification and abatement equipment. “Downflo® II Dust Collectors” – specification of the dust collectors serving the Lancing Booth Harsco Metals Work Instruction: “Lancing of Skulls from within a Lancing Booth”	21/12/11
Information received in support of Natural Resources Wales Iron and Steel Sector Permit Review 2014	All parts of operator response to Regulation 60 (1) notice	03/09/13
Application EPR/TP3639BH/V006	The response to Form C2, question 2b, table 1 of the application.	26/05/2017
Application EPR/TP3639BH/V007	All parts of 018-1620 Celsa Cardiff EPR Shearing Limit Increase REV000	02/04/2019

### **Schedule 3 – conditions to be added**

None.

### **Schedule 4 – amended plan**

N/A.

End of Notice