



# **ENVIRONMENTAL PERMIT APPLICATION**

## **SITE CONDITION REPORT**

**IMP/EPR/APP SCR NOV 18**



<b>1.0 SITE DETAILS</b>	
Name of the applicant	Impalloy Limited
Activity address	Fryers Road, Bloxwich, Walsall, WS2 7LZ
National grid reference	399309, 301067
Document reference and dates for Site Condition Report at permit application and surrender	IMP/EPR/APP SCR Nov 18 – 07/11/2018
Document references for site plans (including location and boundaries)	IMP/EPR/APP Site Plan Nov 18

**Note:**

In Part A of the application form you must give us details of the site's location and provide us with a site plan. We need a detailed site plan (or plans) showing:

- Site location, the area covered by the site condition report, and the location and nature of the activities and/or waste facilities on the site.
- Locations of receptors, sources of emissions/releases, and monitoring points.
- Site drainage.
- Site surfacing.

If this information is not shown on the site plan required by Part A of the application form then you should submit the additional plan or plans with this site condition report.

<b>2.0 Condition of the land at permit issue</b>	
<p>Environmental setting including:</p> <ul style="list-style-type: none"> <li>• geology</li> <li>• hydrogeology</li> <li>• surface waters</li> </ul>	<p><b>GEOLOGY</b></p> <p>Geological mapping at 1:50,000 scale sheet 154 (Lichfield, solid and drift), published 1939, indicates the following geological sequence: Pennine Middle coal measures formation, comprising of grey shales, clay and fireclays with sandstones, coal seams, ironstones and marine bands, to up to 120m below the site.</p> <p>There is a considerable thickness of made ground at the site.</p> <p><b>HYDROGEOLOGY</b></p> <p>From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water</p>

	<p>Framework Directive.</p> <p>The following aquifer records are shown on the Aquifer within Superficial Geology Map:</p> <p>1 - Secondary Aquifer - Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers</p> <p>2 - Secondary (undifferentiated) Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type</p> <p>There are no groundwater abstraction licences within 1km of the site.</p> <p>The site is not located on a groundwater source protection zone.</p> <p><b>SURFACE WATERS</b></p> <p>There are no surface water features on site.</p>
<p>Pollution history including:</p> <ul style="list-style-type: none"> <li>• pollution incidents that may have affected land</li> <li>• historical land-uses and associated contaminants</li> <li>• any visual/olfactory evidence of existing contamination</li> <li>• evidence of damage to pollution prevention measures</li> </ul>	<p>Groundsure report SA10202252 has been referenced.</p> <p>1885 – 1938 – a small unit on pond noted on site 1938 – unit cleared 1971 – Pond infilled, 2 industrial unit built labelled as ‘engineering works’ 1981 – building extended 1992 – building extended 2000 – building reconfigured to current format</p> <p>Historical land uses include engineering. There are no recorded pollution incidents recorded on site.</p> <p>The site is entirely hard standing with no areas of soft ground. There is no visual or olfactory evidence of contamination.</p>
<p>Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)</p>	<p>Groundsure report SA10202252 has been referenced.</p> <p>See above.</p>
<p>Baseline soil and groundwater reference data</p>	<p>The site is entirely hardstanding and therefore there are no pollution pathways.</p> <p>Baseline soil and groundwater reference data has not been collected.</p>
<p><b>Supporting information</b></p>	<ul style="list-style-type: none"> <li>• Source information identifying environmental setting and pollution incidents</li> <li>• Historical Ordnance Survey plans</li> </ul>

	<ul style="list-style-type: none"> <li>• Site reconnaissance</li> <li>• Historical investigation / assessment / remediation / verification reports</li> <li>• Baseline soil and groundwater reference data</li> </ul>
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<b>3.0 Permitted activities</b>	
Permitted activities	Section 2.2 A(1)(b) activity – the melting and alloying of non-ferrous metals (zinc and aluminium) in a plant with a design melting capacity of greater than 20 tonnes per day and an individual furnace with a holding capacity of greater than 5 tonnes.
Non-permitted activities undertaken	Dressing, fettling, shot blasting, painting, packaging
Document references for: <ul style="list-style-type: none"> <li>• plan showing activity layout; and</li> <li>• environmental risk assessment.</li> </ul>	IMP/EPR/APP SITE PLAN NOV 18  IMP/EPR/APP RA NOV 18

**Note:**

In Part B of the application form you must tell us about the activities that you will undertake at the site. You must also give us an environmental risk assessment. This risk assessment must be based on our guidance (*Environmental Risk Assessment - EPR H1*) or use an equivalent approach.

It is essential that you identify in your environmental risk assessment all the substances used and produced that could pollute the soil or groundwater if there were an accident, or if measures to protect land fail.

These include substances that would be classified as ‘dangerous’ under the Control of Major Accident Hazards (COMAH) regulations and also raw materials, fuels, intermediates, products, wastes and effluents.

If your submitted environmental risk assessment does not adequately address the risks to soil and groundwater we may need to request further information from you or even refuse your permit application.

<b>4.0 Changes to the activity</b>	
Have there been any changes to the activity boundary?	If yes, provide a plan showing the changes to the activity boundary.
Have there been any changes to the permitted activities?	If yes, provide a description of the changes to the permitted activities
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	If yes, list of them
<b>Checklist supporting information</b>	<ul style="list-style-type: none"> <li>• Plan showing any changes to the boundary (where relevant)</li> <li>• Description of the changes to the permitted activities (where relevant)</li> <li>• List of 'dangerous substances' used/produced by the permitted activities that were not identified in the Application Site Condition Report (where relevant)</li> </ul>

<b>5.0 Measures taken to protect land</b>	
Use records that you collected during the life of the permit to summarise whether pollution prevention measures worked. If you can't, you need to collect land and/or groundwater data to assess whether the land has deteriorated.	
<b>Checklist supporting information</b>	<ul style="list-style-type: none"> <li>• Inspection records and summary of findings of inspections for all pollution prevention measures</li> <li>• Records of maintenance, repair and replacement of pollution prevention measures</li> </ul>

<b>6.0 Pollution incidents that may have had an impact on land, and their remediation</b>	
Summarise any pollution incidents that may have damaged the land. Describe how you investigated and remedied each one. If you can't, you need to collect land and /or groundwater reference data to assess whether the land has deteriorated while you've been there.	
<b>Checklist supporting information</b>	<ul style="list-style-type: none"> <li>• Records of pollution incidents that may have impacted on land</li> <li>• Records of their investigation and remediation</li> </ul>



<b>7.0 Soil gas and water quality monitoring (where undertaken)</b>	
<p>Provide details of any soil gas and/or water monitoring you did. Include a summary of the findings. Say whether it shows that the land deteriorated as a result of the permitted activities. If it did, outline how you investigated and remedied this.</p>	
<b>Checklist supporting information</b>	<b>of</b> <ul style="list-style-type: none"><li>• <b>Description of soil gas and/or water monitoring undertaken</b></li><li>• <b>Monitoring results (including graphs)</b></li></ul>

<b>8.0 Decommissioning and removal of pollution risk</b>	
<p>Describe how the site was decommissioned. Demonstrate that all sources of pollution risk have been removed. Describe whether the decommissioning had any impact on the land. Outline how you investigated and remedied this.</p>	
<b>Checklist of supporting information</b>	<ul style="list-style-type: none"> <li>• Site closure plan</li> <li>• List of potential sources of pollution risk</li> <li>• Investigation and remediation reports (where relevant)</li> </ul>

<b>9.0 Reference data and remediation (where relevant)</b>	
<p>Say whether you had to collect land and/or groundwater data. Or say that you didn't need to because the information from sections 3, 4, 5 and 6 of the Surrender Site Condition Report shows that the land has not deteriorated.</p> <p>If you did collect land and/or groundwater reference data, summarise what this entailed, and what your data found. Say whether the data shows that the condition of the land has deteriorated, or whether the land at the site is in a "satisfactory state". If it isn't, summarise what you did to remedy this. Confirm that the land is now in a "satisfactory state" at surrender.</p>	
<b>Checklist of supporting information</b>	<ul style="list-style-type: none"> <li>• Land and/or groundwater data collected at application (if collected)</li> <li>• Land and/or groundwater data collected at surrender (where needed)</li> <li>• Assessment of satisfactory state</li> <li>• Remediation and verification reports (where undertaken)</li> </ul>

<b>10.0 Statement of site condition</b>	
<p>Using the information from sections 3 to 7, give a statement about the condition of the land at the site. This should confirm that:</p> <ul style="list-style-type: none"> <li>• the permitted activities have stopped</li> <li>• decommissioning is complete, and the pollution risk has been removed</li> <li>• the land is in a satisfactory condition.</li> </ul>	

## APPENDIX 1 – SITE CONDITION PHOTOGRAPHS



