

SITE CONDITION REPORT

For full details, see H5 *SCR guide for applicants* v2.0 4 August 2008

COMPLETE SECTIONS 1-3 AND SUBMIT WITH APPLICATION

DURING THE LIFE OF THE PERMIT: MAINTAIN SECTIONS 4-7

AT SURRENDER: ADD NEW DOC REFERENCE IN 1.0; COMPLETE SECTIONS 8-10; & SUBMIT WITH YOUR SURRENDER APPLICATION.

1.0 SITE DETAILS	
Name of the applicant	TRW Automotive
Activity address	New Road, New Inn, Pontypool, NP4 0TL
National grid reference	ST 29826 99151
Document reference and dates for Site Condition Report at permit application and surrender	Permit Variance - EPR/DP3430LX/V002 Date 16/10/15
Document references for site plans (including location and boundaries)	TRW Site Layout - Anodise Plant 2.pdf

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.

2.0 Condition of the land at permit issue

Environmental setting including: • geology • hydrogeology • surface waters	The geology of the site is has been determined from several wells advanced across the site and comprise of concrete (generally 300mm deep), made ground, drift deposits of alluvial sands and gravels and bedrock consisting of fine sandstone, siltstone and mudstone (Downtonian Series of Old Red Sandstone). The hydrology of the site shows that groundwater flows onto the site There are no discharges to surface waters from the permitted processes. All rain waters collected on the external hard standing areas of the site is channelled through the site surface water drainage system and is subsequently discharged into the river Avon Llewyl via a four stage interceptor located opposite the security box.
Pollution history including: • pollution incidents that may have affected land • historical land-uses and associated contaminants • any visual/olfactory evidence of existing contamination • evidence of damage to pollution prevention measures	The area in the location of the new Anodise process was previously been used as a manufacturing site for car braking products principally the machining of cast iron components in preparation for subsequent assembly with other bought out finished parts. This involved the use of both mineral and soluble oil products. The factory floor is constructed from 300mm concrete and no evidence of significant oil contamination has been found.
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	Site investigations have been carried out in respect of ground and groundwater contamination from past use of chlorinated solvents on the site but chemical/heavy metal contamination from permitted processes has not been included within the scope of these investigations. Limited ground and groundwater investigations for heavy metal contamination have been conducted around the area of the existing zinc plating process only, however these do not relate to the proposed position of the new Anodise process. Previous core samples show no significant oil contamination of the concrete.

Baseline soil and groundwater reference data	No current baseline soil or groundwater reference data has been gathered in the proposed location of the new Anodise plant. The Anodise process will be installed within a bunded area which will be sealed with a chemical resistant epoxy coating. All tanks and associated pipe work are located above ground.
Supporting information	• Source information identifying environmental setting and pollution incidents • Historical Ordnance Survey plans • Site reconnaissance • Historical investigation / assessment / remediation / verification reports • Baseline soil and groundwater reference data

3.0 Permitted activities	
Permitted activities	Operation of an Anodise process.
Non-permitted activities undertaken	n/a
Document references for: • plan showing activity layout; and • Environmental risk assessment.	TRW Site Layout - Anodise Plant 2.pdf TRW Anodise Plant 2 - H1 Assess

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.

4.0 Changes to the activity	
Have there been any changes to the activity boundary?	Please see document "Site Layout – Anodise Plant"
Have there been any changes to the permitted activities?	Addition of Anodise process.
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	No
Checklist of supporting information	Plan showing any changes to the boundary (where relevant) Description of the changes to the permitted activities (where relevant) List of 'dangerous substances' used/produced by the permitted activities that were not identified in the Application Site Condition Report (where relevant)

5.0 Measures taken to protect land	
The Anodise process is being installed within a bunded area which has been sealed with a chemical resistant epoxy coating. All tanks and associated pipe work are located above ground.	
Checklist of supporting information	Inspection records and summary of findings of inspections for all pollution prevention measures Records of maintenance, repair and replacement of pollution prevention measures

6.0 Pollution incidents that may have had an impact on land, and their remediation	
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.	
Checklist of supporting information	Records of pollution incidents that may have impacted on land Records of their investigation and remediation



7.0 Soil gas and water quality monitoring (where undertaken)

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.

Checklist of supporting information

**Description of soil gas and/or water monitoring undertaken
Monitoring results (including graphs)**





8.0 Decommissioning and removal of pollution risk

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.

Checklist of supporting information

Site closure plan
List of potential sources of pollution risk
Investigation and remediation reports (where relevant)

9.0 Reference data and remediation (where relevant)

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.

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.

Checklist of supporting information

Land and/or groundwater data collected at application (if collected)
Land and/or groundwater data collected at surrender (where needed)
Assessment of satisfactory state
Remediation and verification reports (where undertaken)

10.0 Statement of site condition

Using the information from sections 3 to 7, give a statement about the condition of the land at the site. This should confirm that:

the permitted activities have stopped
decommissioning is complete, and the pollution risk has been removed
the land is in a satisfactory condition.

