

SITE CONDITION REPORT TEMPLATE

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	Lubrizol Limited
Activity address	Leeds Road, Huddersfield, HD2 1YU
National grid reference	OS Grid Reference – SE 164 184

Document reference and dates for Site Condition Report at permit application and surrender	Initial permit application – February 2006 (issue 1 PPC170/ ASR) Partial Surrender – November 2016
--	---

Document references for site plans (including location and boundaries)	See documentation provided with partial surrender application.
--	--

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: <ul style="list-style-type: none"> • geology • hydrogeology • surface waters 	-
Pollution history including: <ul style="list-style-type: none"> • 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 	-
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	-
Baseline soil and groundwater reference data	-
Supporting	<ul style="list-style-type: none"> • Source information identifying environmental setting and pollution

information	incidents <ul style="list-style-type: none"> • Historical Ordnance Survey plans • Site reconnaissance • Historical investigation / assessment / remediation / verification reports • Baseline soil and groundwater reference data
--------------------	---

3.0 Permitted activities	
Permitted activities	Producing organic compounds containing sulphur. Producing organic compounds containing phosphorous. Producing polymers
Non-permitted activities undertaken	N/A
Document references for: <ul style="list-style-type: none"> • plan showing activity layout; and • environmental risk assessment. 	N/A

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?	No
Have there been any changes to the permitted activities?	No
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	<ul style="list-style-type: none"> • 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	
See annual site protection monitoring reports.	
Checklist of supporting information	<ul style="list-style-type: none"> • 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	
No pollution incidents that may have impacted the land have occurred since Lubrizol acquired the facility in 2004.	
Checklist of supporting information	<ul style="list-style-type: none"> • 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)		
Not applicable.		
Checklist supporting information	of	<ul style="list-style-type: none">• Description of soil gas and/or water monitoring undertaken• Monitoring results (including graphs)

8.0 Decommissioning and removal of pollution risk

Potential sources of pollution risk included

- Ethylene oxide
- Methanol

A decommissioning plan was developed and the key steps included

- Levels in the storage vessel were reduced to as low as possible manufacturing product.
- The remainder of the ethylene oxide was transferred into the ethoxylation reactor and neutralised.
- The storage vessel was flushed through ten times using water. Two flushes were transferred through the reactor, via associated equipment and pipework, and the remainder straight to drain. All the wash water was then treated at the Syngenta effluent treatment plant.
- Storage vessel, transfer pump, pipework and associated equipment were removed, checked clean prior to scraping.
- The methanol in the chiller unit was run to drain in conjunction with Syngenta, the site landlord, and the chiller unit was washed out with water prior to dismantling and scraping.
- Packing used in the water scrubber unit was washed prior to being disposed of.

The decommissioning of the ethylene oxide storage vessel and associated equipment did not require the ground to be touched and the concrete standing is still in good condition.

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)

Land and ground water data were not required to be collected as the land was not disturbed during the decommissioning of the ethylene oxide storage vessel and associated equipment.

The site submits an annual site protection monitoring plan, which includes information on local bore holes and an off-site groundwater monitoring well. No pollutants associated with ethylene oxide storage were detected in the 2015 analysis.

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

The permitted activities have stopped. The last manufacture using ethylene oxide was in 2013 and the storage vessel, with handling infrastructure, was decommissioned and dismantled in 2014. Reference to the removed ethylene oxide storage vessel was made in the EPR compliance assessment report, AP3733LE/ 0229614 by Paul Buchanan, Environment Agency inspector for the site, during a site visit in January 2015.

The decommissioning was completed in 2014 and the pollution risk has been removed.

The land, where the storage vessel and associated equipment was situated is in a satisfactory condition.