

# Site Visit Report

The site visit process is a sample on a particular day of an installation's compliance with some of its licence conditions. Where non-compliance against a particular condition has not been reported, this should not be construed to mean that there is full compliance with that condition of the licence.

Instructions and actions arising from the visit shall be addressed, or where applicable noted, by the licensee in order to ensure compliance, to improve the environmental performance of the installation and to provide clarification on certain issues.

The licensee shall take the actions specified to close out the non-compliances and observations raised in this Site Visit Report.

The licensee may also be requested to provide a response to the Environmental Protection Agency (hereafter referred to as the Agency) in relation to the site visit report findings.

Licensee	
<b>Name of Installation</b>	AbbVie Ireland NL B.V.
<b>Licensee</b>	AbbVie Ireland NL B.V.
<b>Licence Register No.</b>	P1087-1
<b>CRO Number</b>	906838
<b>Site Address</b>	Old Bundoran Road, Ballytivnan, Sligo, F91 K735
<b>Site Visit Reference No.</b>	SV23083

Report Detail	
<b>Issue Date</b>	31/12/2021
<b>Prepared By</b>	Pauline Gillard

Site Visit Detail			
<b>Date Of Inspection</b>	16/11/2021		
<b>Time In</b>	09:00	<b>Time Out</b>	17:00
<b>EPA Inspector(s)</b>			
<b>Additional Visitors</b>	Socotec		
<b>Licensee Personnel and Role</b>	See Report.		

## > Summary

This site visit contains the report of the air reconnaissance visit, carried out to facilitate the monitoring of emissions to air. The report of the reconnaissance visit is attached. Please review this report, and submit any comments you may have to the Agency within five working days.

There is one Non-compliance. The licensee shall provide the necessary sampling ports at Emission Point Reference Numbers A1-1 and A1-2.

The Licensee is required to submit a response to the non-compliance(s) raised in this site visit report within 30 days of the date of issue of this report (using the 'Make a Response' link on the Site Visits page in EDEN), as outlined in the Follow-up Actions section of this report.

## > Site Areas Inspected

See Report.

## > Documents Inspected

See Report.

## > 1. Site Specific Issues

	Answer	Condition Number	Non Compliance	Observation	
1.1	Air Emission Points A1-1 and A1-2	Checked	6.2	Yes	No
<b>Comment / Action Required</b>					
<p>The monitoring location at Emission Point Reference No.'s A1-1 &amp; A1-2 does not comply with the requirements of Annex A of EN 15259 Standard "Air quality - Measurement of stationary source emissions - Requirements for measurement sections and sites and for the measurement objective, plan and report", as the sampling ports installed are not large enough to allow the necessary monitoring equipment to be inserted into the stack to perform monitoring, as per the scope of monitoring required by IE licence register number P1087-01. Install a 4 Inch sampling port in a suitable location to allow for SO2 and moisture to be sampled using a heated probe</p> <p>This is a non-compliance with Condition 6.2 of IE licence register number P1087-01.</p> <p>Corrective Action Required:</p> <p>The licensee shall provide the necessary sampling ports at Emission Point Reference Numbers A1-1 and A1-2, by 31/01/22. Inform the Agency, via a licensee return on EDEN when the works have been completed.</p>					

# SITE REVIEW VISIT DOCUMENT



Prepared by SOCOTEC UK LTD
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Commissioned by:
The Environmental Protection Agency

Operator / Company:
AbbVie Ireland NL B.V.

Installation:
Ballytivnan

Site Review Date(s)
16/11/2021

Number of Stacks Reviewed
2

Permit Reference:
IE Licence: P1087-01

Document Date:	13 December 2021
Site Review Visit Completed By	Brian Walsh
Version:	1
Protocol Author:	Brian Walsh
MCERTS Number:	MM17 1414
MCERTS Level:	MCERTS Level 2 - Team Leader
Technical Endorsements:	1, 2, 3 & 4
Protocol Approved By:	David Hay
MCERTS Number:	MM 04 552
Business Title:	MCERTS Level 2 - Business Manager
Technical Endorsements:	1, 2, 3 & 4
Signature:	

Review Doc Approval	
Name of Client	Dave Matthews (EPA)
Client Approval Granted	Yes / No
Approval Date	



**Site Review - Part 1**

To comply with the requirements of the Environment Agency's MCERTS Performance Standard, UKAS accredited emissions monitoring organisations are required to complete The MCERTS performance standard for organisations specifies that, before an organisation carries out sampling at a site for the first time, a site review must be undertaken to ascertain the process conditions of the facility (for example, material balance, feedstock details, percentage load). This information should be collated to form part of the site-specific protocol, which details the process conditions under which sampling should occur. The process conditions during the sampling exercise must be recorded to ensure that they are the same as those specified in the site-specific protocol

SOCOTEC UK were commissioned by The Environmental Protection Agency to carry out a stack emissions monitoring campaign, to perform investigative monitoring on the following plant(s).

Operator Details	
Commissioned by:	The Environmental Protection Agency
Operator Name:	AbbVie Ireland NL B.V.
Operator Address:	AbbVie Ireland NL B.V. Old Bundoran Road Ballytivnan Sligo
IE Licence	P1087-01

Details	Main Contact	Site Contact
Contact Name	Dave Matthews (EPA)	Charlene Rooney
Position	Air Enforcement Team Lead	EHS
Telephone Number	01-2680238	
Fax Number		
Email Address	d.matthews@epa.ie	

Monitoring Organisation
SOCOTEC UK 2-4 Langlands Place Kelvin South Business Park East Kilbride G75 0YF

Review Information	
Site Induction Required	Yes (Online)
Specific Induction day/time	No
Expected Number of Days on Site	1
Restrictions to using equipment on site	Yes - see part 2 of review regarding current sample ports
Are all access and sampling provisions present and in line with EPA AG1?	No - see part 2 of review regarding current sample ports
Can sampling be carried out in a safe manner under present conditions?	Yes

Site Review Part 2 - Monitoring Objectives

Site Review Part 2 - Process and Operating Information

Release Point	A1-1 Boiler	A1-2 Boiler	-	-	-
Details of product	Boiler	Boiler	-	-	-
Description of process	Boiler	Boiler	-	-	-
Continuous or batch	Continuous	Continuous	-	-	-
Duration / frequency of batch	N/A	N/A	-	-	-
Part of batch to be sampled during monitoring	N/A	N/A	-	-	-
Normal load, throughput or continuous rating	TBC	TBC	-	-	-
Fuel requirements during monitoring	LPG	LPG	-	-	-
Expected process variations/unusual occurrences	None	None	-	-	-
Abatement	None	None	-	-	-
Type of CEMs installed	None	None	-	-	-
Operating records to be collected	Yes	Yes	-	-	-
Details of data information system	N/A	N/A	-	-	-

Site Review Part 2 - Sampling Location Details								
Parameter	Requirement	A1-1 Boiler	A1-2 Boiler	-	-	-	-	-
Stack Shape	Circular, Square, Rectangular etc	Circular	Circular	-	-	-	-	-
Stack Diameter	m	0.40	0.40	-	-	-	-	-
Stack Depth x Width	m x m	-	-	-	-	-	-	-
Sampling Location	Inside / Outside	Both	Both	-	-	-	-	-
Height of sampling platform from the ground	m	2	2	-	-	-	-	-
Distance from sampling port to edge of platform or obstruction	>Stack depth / diameter + wall and port thickness + 1.5m	Yes	Yes	-	-	-	-	-
Orientation of Duct	Vertical / Horizontal / Diagonal	Vertical	Vertical	-	-	-	-	-
Distance to nearest upstream / downstream flow disturbance	>5 hydraulic diameters	Yes	Yes	-	-	-	-	-
Size & depth of sampling ports	>= 125mm diameter for ducts >= 0.7 m diameter	30mm 55mm	30mm 55mm	-	-	-	-	-
Number of sampling lines / points per line	CEN Isokinetic Standards	2 / 2	2 / 2	-	-	-	-	-
	Non CEN Isokinetic Standards	- / -	- / -	-	-	-	-	-
	Non-Isokinetic Standards	1 / 1	1 / 1	-	-	-	-	-
Access to platform	Secured	Yes	Yes	-	-	-	-	-
Size of sampling location	Adequate work area	Yes	Yes	-	-	-	-	-
Does platform have all safety requirements	400 kg point load, handrails, kickboards, ladder guards?	Yes	Yes	-	-	-	-	-
Available Utilities	Power sockets, Lighting, Water	Domestic 13 Amp	Domestic 13 Amp	-	-	-	-	-
A velocity traverse will be carried out using a type K thermocouple and a suitable flow device.	Lowest Differential Pressure >5Pa	TBC	TBC	-	-	-	-	-
	Lowest Gas Velocity (m/sec)	TBC	TBC	-	-	-	-	-
	Highest Gas Velocity (m/sec)	TBC	TBC	-	-	-	-	-
	Ratio of Gas Velocities <3:1	TBC	TBC	-	-	-	-	-
	Angle of gas flow <=15°	TBC	TBC	-	-	-	-	-
	Any localised negative flow	TBC	TBC	-	-	-	-	-
	Temperature °C	TBC	TBC	-	-	-	-	-
Moisture %	TBC	TBC	-	-	-	-	-	
For WID / LCPD Processes: Has a EN 15259 Homogeneity test been performed?	Yes / No / N/A, if yes state when performed and previous job ID	No	No	-	-	-	-	-
Is the sampling location compliant with BS EN 15259?	Yes / No / N/A	No	No	-	-	-	-	-
Is it an intrinsically safe area?	Yes / No	No	No	-	-	-	-	-
Any physical restrictions to using required sampling kit?	If yes, state the nature of the restriction	Yes - SO2 and moisture using a heated probe not possible due to small sockets.	Yes - SO2 and moisture using a heated probe not possible due to small sockets.	-	-	-	-	-

Notes and Deviations	
Notes relating to sampling location	Install 4 Inch port in a suitable location to allow for SO2 and moisture to be sampled using a heated probe.
Additional Information	
Special Reporting Requirements	There are no special reporting requirements related to this installation.
Additional Information	Induction Online - Different to Manorhamilton rd. Site will request Safe pass, Manual Handling, RAMS etc.
End of Site Review	

## FOLLOW-UP ACTIONS

The licensee is required to complete the actions outlined in this site visit report within the specified timeframes. Where required, the licensee shall also respond to actions specified in Compliance Investigations and/or submit a response to this site visit report via the EDEN system. The licensee shall maintain a documentary evidence, for review by the Agency, that the prescribed actions were completed within the required timeframe.

### (i) Compliance Investigations

The Agency may generate a Compliance Investigation through the EDEN system and issue instructions and actions to the licensee. The licensee will receive notification when an instruction or action is issued and the licensee must respond to the actions within the Compliance Investigation within the specified timeframe.

### (ii) Response to Site Visit Report

Where the licensee is requested to (or wishes to) respond to the Agency in relation to this site visit report, the licensee may select the 'Make a Response' link on the actions taken by the licensee to address the issues raised in this site visit report and the target completion dates. This Licensee Public Response provides the licensee with an opportunity to inform both the Agency and the public about the implementing of actions set out in the Agency site visit report. The response must be submitted **within 30 calendar days** of the issue date of this site visit report.

### (iii) Publication of Reports

The site visit report will be made available for public viewing via the Agency's Licence Enforcement Access Portal (LEAP), within one day of the issue date. The Site Visit Report and the Licensee Public Response will also be published on the Agency's website, [www.epa.ie](http://www.epa.ie), 60 calendar days after the site visit report issue date (on the Licence Details Page for the relevant licence).

**Please note that licensees are required to comply with the conditions of the licence at all times, and where non-compliance occurs, compliance must be restored within the shortest possible time. These actions will be verified during subsequent Agency visits. Please quote the above Inspection Reference Number in any correspondence in relation this Report.**