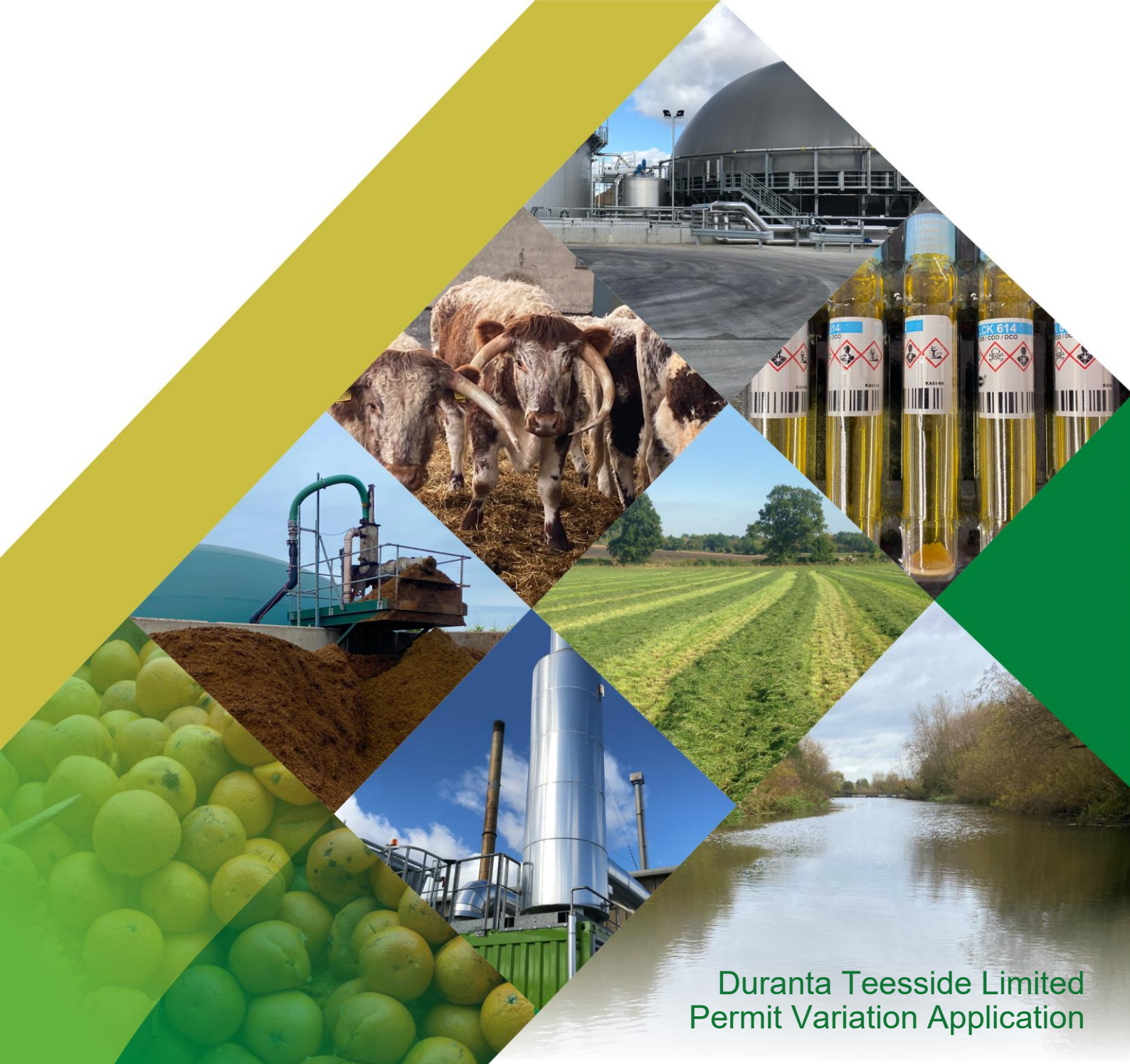

Duranta Teesside Limited
Permit Variation Application

June 2026

Emissions Points Monitoring

Duranta Teesside Limited

Prepared for
Duranta Teesside Limited

CHAPMANBECK
ENVIRONMENTAL CONSULTANCY

REPORT SCHEDULE

Client: Duranta Teesside Limited

Document Title: Emission Point Monitoring

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Project Manager: Jo Chapman (Chapman Beck Limited)

AUTHOR	DATE
Jo Chapman	26.06.26

REVIEWER	DATE
Sri Brahma	03.07.26

APPROVED	DATE
Sri Brahma	03.07.26

Revision History

Revision History	Date	Comments	Approved
Update to add emergency pressure release valves V1.1	16.8.26	Existing and new emergency pressure relief valves added on request by EA	Sri Brahma

TABLE OF CONTENTS

1. EMISSION POINT MONITORING

Key

	Existing and Unchanged Emissions Points
	Emission Point No Longer in Existence (to be removed from permit)
	New Emissions Points (to be added to the permit)

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
A1 CHP Engine 1	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A2 CHP Engine 2	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A3 CHP Engine 3	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
			methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A4 CHP Engine 4	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A5 Gas Flare 1	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Annual monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
	LDAR	Six Monthly	LDAR Plan
A6 Biofilter Exhaust (Reception Hall)	Emissions monitoring to be carried annually for hourly average emissions rates for given variables.	Six monthly monitoring exercise.	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables.
	Daily odour sniff test monitoring.	Daily	Daily sniff tests as outlined in OMP
A7 Carbon Filter Exhaust	Emissions monitoring to be carried annually for	Six monthly monitoring exercise.	To be carried out by third party contractor

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
(ABP Tank)	hourly average emissions rates for given variables. Daily odour sniff test monitoring.	 Daily	with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP
A8 Biogas Upgrading Plant 1 Stack	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A8a Biogas Upgrading Plant 1 Stack Emergency Pressure Relief Valve	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
A8b Biogas Upgrading Plant Stack Emergency Pressure Relief Valve	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
A9 Generator Exhaust	Monitor run hours	Ongoing	
A10 Spill Containment Generator Exhaust	Monitor run hours	Ongoing	
A11 Tanker Offtake Carbon Filter Exhaust	Emissions monitoring to be carried annually for hourly average emissions rates for given variables. Daily odour sniff test monitoring.	Six monthly monitoring exercise. Daily	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP
A12 Abatement Unit Exhaust	Emissions point no longer present at site and removed from the listed emissions points under this variation.		
A13 Biogas Upgrading Plant 2 Stack	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan
A13a Biogas Upgrading Plant 1	Optical Imaging Survey (LDAR)	Six Monthly	LDAR Plan

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
Stack Emergency Pressure Relief Valve	Visual Checks	Daily	Maintenance Schedule
A13b Biogas Upgrading Plant Stack Emergency Pressure Relief Valve	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
A14 Emergency Flare 2	Emissions monitoring to be carried annually for hourly average emissions rates for given variables. Daily odour sniff test monitoring. Optical Imaging Survey (LDAR)	Annual monitoring exercise. Daily Six Monthly	To be carried out by third party contractor with MCERTS accreditation per appropriate BS EN methodology for given variables. Daily sniff tests as outlined in OMP LDAR Plan
A15 Pressure Relief Valve Primary Fermenter	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
A16 Pressure Relief Valve on Primary Fermenter	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
A17 Pressure Relief Valve Secondary Fermenter	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
A18 Pressure Relief Valve Primary Fermenter	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
A19 Pressure Relief Valve Digestate Storage Tank	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule

Emission Point Reference and Location	Monitoring Method	Monitoring Frequency	Relevant Procedures
A20 Pressure Relief Valve on Primary Fermenter	Optical Imaging Survey (LDAR) Visual Checks	Six Monthly Daily	LDAR Plan Maintenance Schedule
Vents from Tanks	Oil/fuel storge tanks	Not monitored	
W1 Uncontaminated Site Surface Water	Visual assessment and DO Meter reading	Periodic spot sample on a batch release basis	Surface water release procedure in EMS
SWO Uncontaminated Site Surface Water	Visual assessment	Periodic spot sample on a batch release basis	Surface water release procedure in EMS

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