



# PLANNING PERMISSION

REVISIONS:

REV	DESCRIPTION	DATE	CHK	APP
A	INITIAL ISSUE	30/10/20	NR	DM
B	KEY UPDATED	02/11/20	NR	DM

NOTES

1. THIS DRAWING SHOWS THE EMISSION POINTS IN THE NEW GAS TO GRID COMPOUND.

KEY

— PERMIT BOUNDARY

- A1 - GAS UPGRADING CO2 VENT
- A2 - GEU01: ANALYSER VENT: BIOMETHANE: 105 NL/HR CONTINUOUS
- A3 - GEU02: ANALYSIS SYSTEM PRESSURE RELIEF VENT: BIOMETHANE: UP TO 46.9 Nm<sup>3</sup>/HR ONLY IN THE EVENT OF EQUIPMENT FAILURE
- A4 - GEU03: THERMAL RELIEF VENT OUTLET: PROPANE: 9Nm<sup>3</sup>/HR FOR SHORT DURATION <10s WHEN SYSTEM IS ISOLATED
- A5 - GEU07: LGT PRU RELIEF VALVE: BIOMEHTANE: 19.3 Nm<sup>3</sup>/HR ONLY IN THE EVENT OF EQUIPMENT FAILURE
- A6 - GEU11: EXPANSION TANK CREEP RELIEF: BIOMETHANE: UP TO 32 NL/HR
- A7 - GEU12: CREEP RELIEF VENT: BIOMETHANE: 11.7Nm<sup>3</sup>/HR ONLY IN THE EVENT OF EQUIPMENT MALFUNCTION

CLIENT:

**BIODYNAMIC / AIR LIQUIDE**

PROJECT:

**BIODYNAMIC BTG PROJECT**

TITLE:

**EA PERMIT EMISSION POINTS**

SCALE: 1:200 @ A3 DRAWN: GW  
 CHECKED: NR CAD: DATE: 02/11/2020  
 APPROVED: DM SHEET: 1 OF 1

PROJECT No: 795

DRAWING No: 795-01-BMDR-431

REVISION: B

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EXISTING RAILWAY

PROPANE

GRID ENTRY UNIT

BIOGAS UPGRADING UNIT

ABOVE GROUND PIPEWORK

LOW VOLTAGE DISTRIBUTION BOARD KIOSK

EXISTING BIODYNAMIC SITE

0m 5 10m  
 METRES