



31.1 NATURAL GAS GENERATOR

25.1 GAS ANALYZER

33.3 GAS ENTRY UNIT

33.1 GAS UPGRADE UNIT

GAS PRETREATMENT
(dehumidification, cleaning, boosting)

GAS UPGRADE
(compressing, membranes separation)

30.1 GAS FLARE 1

30.2 GAS FLARE 2

12.1 POWERDIGEST - 34/6

DOUBLE MEMBRANE GASHOLDER

7.1 SEPARATOR

4.1 POWER RING - 45/26/9 - PD
5.1 POWER RING - 45/26/9 - SD

3.1 CENTRAL PUMPING STATION

3.2 PUMPING STATION 2

32.1 BOILER AND HEAT DISTRIBUTION

1.1 SOLID FEEDING SYSTEM 1 - 120m³

1.2 SOLID FEEDING SYSTEM 2 - 120m³

2.1 RECEPTION TANK 1 - 60m³

2.2 RECEPTION TANK 2 - 60m³

2.3 RECEPTION PIT 3 - 250m³

19.1 DESULPHURISATION

PRELIMINARY

NOTES:
- Equipment powers are indicative and can be changed during further development of project
- pipe sizes are indicative and can be changed during further development of the project

	SUBSTRATE SOLID / LIQUID
	STRAW
	DIGESTATE
	LIQUID DIGESTATE
	BIOGAS
	BIOMETHANE
	CO ₂
	AIR
	OXYGEN
	WATER
	CONDENSATE
	WASTE WATER
	WASTE AIR
	HEATING WATER FLOW
	HEATING WATER RETURN
	OPTIONAL
	EQUIPMENT / OBJECT CLIENT
	EQUIPMENT / OBJECT BIOGEST

EQUIPMENT		VALVES		FLOW METERS	
	COMPRESSOR		VALVE GENERAL		ULTRASONIC METER
	PUMP GENERAL		NON-RETURN VALVE		MAGNETIC METER
	LOBE PUMP		BUTTERFLY VALVE		VORTEX METER
	PISTON PUMP		GATE VALVE		TURBINE METER
	ECCENTRIC SCREW PUMP		GLOBE VALVE		
	ECCENTRIC BIOMX PUMP		BALL VALVE		
	FAN		3-WAY VALVE		
	STONE TRAP		SAFETY VALVE		
	INSPECTION WINDOW		Y-STRAINER		
	CONDENSATE TRAP		COMPENSATOR		
	AGITATOR				
	OVER-/UNDERPRESSURE PROTECTION				
	FLAME ARRESTER				
	SEPARATOR				
	CONVEYOR/AUGER UNIT				
	CRUSHER UNIT				
	EXPANSION TANK				

EQUIPMENT CODING SYSTEM		MEASUREMENT CODING SYSTEM	
AA	EQUIPMENT POSITION	1	measurement
BB	LINE IN OBJECT CODE	2	numeration
CC	OBJECT / FUNCTIONAL CODE		
DD	EQUIPMENT CODE		

MODIFICATIONS			
NO.	DATE	MODIFICATION(S)	
01	11/10/2025	Scope updated, flare updated	

PLANNED CONSTRUCTION	CONTENT
NEW ANAEROBIC DIGESTION PLANT IN HOME FARM	PROCESS AND FLOW DIAGRAM

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