

SAS MOUZON ENERGIES

PIECES JUSTIFICATIVES COMPLEMENTAIRES

ANNEXE 12

CERTIFICAT D'ETANCHEITE GAZ



CERTIFICATE

OF CONFORMITY ACCORDING TO 2014/68/EU

The undersigned declares that at:

manufacturer	Bright Biomethane
address	Thermen 10
post code & town/city	7521 PS Enschede
project reference	08772/218/05/1179

it has emerged that during the supervision of the execution of the test programme or inspection plan with regard tot the following pressure equipment:

name of pressure equipment	Biogas Upgrading
type	3-stage membrane
item no.	4432
drawing no.	4432 PID 00 t/m 04
year of construction	2018
type of pressure equipment	assembly
fluid group	2 (biogas / methane)
category	IV
additional information	see accompanying certificate

the results of the checks and tests comply with the relevant essential requirements under annex I of the Pressure Equipment Directive.

Registration number of the certificate:

08772/218/05/1179/F

Conformity assessment procedure applied:

B(prod)+F

On behalf of the conformity assessment body:

Energie Consult Holland BV
Hertzstraat 14
6716 BT EDE (NL)
NoBo id.nr. 1242
Coc for Central Gelderland. no. 30126804
tel: +31 (0) 318 - 551106
email: info@energie-consult.nl

CE 1242

Inspector:

P.H. Jansen

Sr. Inspector:

Date:

09-10-2018


ENERGIE CONSULT
HOLLAND BV
Ing. P. Jansen NOBO Id.nr. 1242


ENERGIE CONSULT
HOLLAND BV
Ing. P. de Vries NOBO Id.nr. 1242

CERTIFICATE OF CONFORMITY 2014/68/EU

General details:

Manufacturer Bright Biomethane
 Address Thermen 10
 Post code + town/city 7521 PS Enschede
 Brand name -

Details pressure equipment:

Name of pressure equipment Biogas Upgrading
 Type 3-stage membrane
 Item no. 4432
 Drawing no. 4432 PID 00 t/m 04
 Year of construction 2018
 Date D.o.C. manufacturer 06-06-2018

Design criteria:

	HP-side	Product outlet	Reject	Recycle	
PS design pressure	20,0	20,0	0,5	0,5	bar(g)
Minimum permissible pressure	0				bar(g)
TS design temperature	+70				°C
Minimum permissible temperature	-10				°C
Volume / DN	N.A. (assembly)				
Medium	biogas / methane				
Corrosion allowance	0 (SS) mm				

Safety appendages:

	HP-side	Product outlet	Reject	
Capacity	1040	3770	366	nm3/h
Setting data	20,0	20,0	0,5	bar(g)
Date	23-06-2017	30-04-2018	30-04-2018	

Classification:

Pressure equipment (Art. 2)	assembly
Liquid or Gas	saturation pressure at TS $\geq 0,5$ bar(g) => Gas, < 0,5 bar(g) => Liquid
Fluid group	according to art. 13 (2014/68/EU)
Steam or hot water boiler?	
Annex II, Table no.	
Category	IV
Quality system	None
Module selection (Annex III):	
Minimum module required	G
Module selected	B(prod)+F

Specification inspections and tests carried out:

Design examination:

Manufacture examination:

Final inspection:

Certificate of conformity:



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See page 5

See page 6

Applicant:	Project no.	Consecutive no.
Bright Biomethane Enschede	08772/218/05/1179	F
EU Conformity assessment organisation (EU-CBI)		
Energie Consult Holland BV Hertzstraat 14 6716 BT EDE (NL) EU-CBI ID no. 1242, CoC for Central Gelderland 30126804	 Inspected by: P.H. Jansen Approval date: 09-10-2018 Initials: 	Page 1 of 6

Specification inspections and tests carried out:

Name of pressure equipment Biogas Upgrading
 Item no. 4432

Specification:



Leak test
 Pressure test
 Other tests
 visual inspection
 global assessment art. 14.6

Procedure:

by manufacturer piping under CE assessment
 by manufacturer piping under CE assessment
 ECH procedure P035
 ECH procedure P045/W007 & W009

Carried out:

26-03-2018
 26-03-2018

Applicant:	Project no.	Consecutive no.
Bright Biomethane Enschede	08772/218/05/1179	F
EU conformity assessment organisation (EU-CBI)		
Energie Consult Holland BV		Inspected by: P.H. Jansen
Hertzstraat 14		Approval date: 09-10-2018
6716 BT EDE (NL)		Initials: 
EU-CBI ID no. 1242, CoC for Central Gelderland 30126804		Page 2 of 6


Design examination module

B(prod)

Name of pressure equipment Biogas Upgrading
Item no. 4432

Conformity Assessment Body (CAB)

Name Energie Consult Holland BV
Adress Hertzstraat 14 - 6716 BT Ede - Nederland
CAB identification no. 1242
Registration number of certificate 08772/218/05/1179/Bp
Date issued 09 October 2018

Applicant:	Project no.	Consecutive no.
Bright Biomethane Enschede	08772/218/05/1179	F
EU conformity assessment organisation (EU-CBI)		
Energie Consult Holland BV		Inspected by: P.H. Jansen
Hertzstraat 14		Date approved: 09-10-2018
6716 BT EDE (NL)		Initials: 
EU-CBI ID no. 1242, CoC for Central Gelderland 30126804		Page 3 of 6



Manufacture examination module

B(prod)

Name of pressure equipment Biogas Upgrading
Item no. 4432

Conformity Assessment Body (CAB)

Name Energie Consult Holland BV
Adress Hertzstraat 14 - 6716 BT Ede - Nederland
CAB identification no. 1242
Registration number of certificate 08772/218/05/1179/Bp
Date examination 09 October 2018

Applicant:	Project no.	Consecutive no.
Bright Biomethane Enschede	08772/218/05/1179	F
EU conformity assessment organisation (EU-CBI)		
Energie Consult Holland BV		Inspected by: P.H. Jansen
Hertzstraat 14		Date approved: 09-10-2018
6716 BT EDE (NL)		Initials: 
EU-CBI ID no. 1242, CoC for Central Gelderland 30126804		Page 4 of 6



Final inspection according to module

F

Name of pressure equipment Biogas Upgrading
Item no. 4432

Conformity Assessment Body (CAB)

Name Energie Consult Holland BV
Adress Hertzstraat 14 - 6716 BT Ede - Nederland
CAB identification no. 1242
Assessment in accordance with ECH procedure P045/W007 & W009
Date examination 26 March 2018

Applicant:	Project no.	Consecutive no.
Bright Biomethane Enschede	08772/218/05/1179	F
Notified Body		
Energie Consult Holland BV		Inspected by: P.H. Jansen
Hertzstraat 14		Approval date: 09-10-2018
6716 BT EDE (NL)		Initials: 
NoBo ID no. 1242, CoC for Central Gelderland 30126804		Page 5 of 6


Certificate of Conformity

Name of pressure equipment Biogas Upgrading
Item no. 4432

During the supervision of the execution of the test programma/inspection plan with regard to the specified pressure equipment, it emerged that the results of the inspections and tests carried out comply with the relevant essential requirements under Annex I of the Pressure Equipment Directive.

Registration no. of certificate: 08772/218/05/1179/F
Town/city: Ede, the Netherlands Date: 09 October 2018
Inspector: P.H. Jansen Sr. Inspector: _____


ENERGIE CONSULT
HOLLAND BV
Ing. P. Jansen NOBO Id. nr. 1242


ENERGIE CONSULT
HOLLAND BV
Ing. A. de Visser NOBO Id. nr. 1242

If Dutch "Warenwetbesluit Drukapparatuur 2016" is applicable (Pressure Equipment Act):


- ☒ Inspection prior to Commissioning mandatory (Pressure Equipment (Commodities Act) Decree)
☐ Inspection prior to Commissioning not applicable (occupational duty of care)

Pursuant to the General Administrative Law Act, the stakeholders can submit a written notice of objection to decisions or measures of Energie Consult Holland B.V., which relate to inspection or certification activities within the framework of the Pressure Equipment (Commodities Act) Decree, based on the Pressure Equipment Directive. To do so, a notice of objection must be lodged with the Technical Manager of Energie Consult Holland BV, Hertzstraat 14, 6716 BT Ede, the Netherlands within six weeks of the date this decision was sent.

The notice of objection must state the reason why the decision was deemed to be incorrect.

A copy of this decision and any other documents relevant to the matter must be enclosed with the notice of objection.

Insofar as this is not in conflict with the above provision, all contracts will be carried out in accordance with the stipulations included in The New Rules 2011 Legal relationship client - architect, engineer and consultant (DNR 2011), filed at the Registry of the District Court of Amsterdam under number 78/2011.

Applicant:	Project no.	Consecutive no.
Bright Biomethane Enschede	08772/218/05/1179	F
Notified Body		
Energie Consult Holland BV Hertzstraat 14 6716 BT EDE (NL) NoBo id.nr. 1242, Ch. of Comm. no. 30126804	 Inspected by: P.H. Jansen Date approved: 09-10-2018 Initials:	Page 6 of 6