

FULL QUALITY ASSURANCE CERTIFICATE

Certificate No.:
101919-2011-CE-IND-ACCREDIA

Initial date:
22 December, 2008

Validity:
28 November, 2023 - 30 August, 2026

This certificate consists of 4 pages

This is to certify that the quality system of:

Bengal Industries Pvt. Ltd.

Plot no 228A, HSIDC Industrial estate, Sector 59, Faridabad – 121004, Haryana

has been assessed and found to comply with respect to the conformity assessment procedure described in:

ANNEX III MODULE H OF DIRECTIVE 2014/68/EU ON PRESSURE EQUIPMENT

This certificate is valid for the following scope:

Type of Pressure Equipment

Product Name

Pressure Accessories / Piping

Stainless Steel Corrugated Flexible Hose Assemblies, Metallic Bellows, Expansion Joints with accessories and Pressure piping system / Pipe Spools, Cryogenic Globe valves

Place and date:
Vimercate, 28 November, 2023

Check Validity



SGQ N° 003 A
SGA N° 003 D
SGE N° 007 M
SCR N° 004 F

EMAS N° 009 P
PRD N° 003 B
PRS N° 094 C
SSI N° 002 G

Membro di MLA EA per gli schemi di accreditamento SGQ, SGA, PRD, PRS, ISP, GHG, LAB e LAT, di MLA IAF per gli schemi di accreditamento SGQ, SGA, SSI, FSM e PRD e di MRA ILAC per gli schemi di accreditamento LAB, MED, LAT e ISP

For the issuing office:
Notified Body 0496, Italy
DNV Business Assurance Italy S.r.l.



Maurizio Bellina
Management Representative

Jurisdiction

Application of Directive 2014/68/EU and Decreto Legislativo n. 26 of 15 February 2016.

Certificate history:

Revision	Description	Issue Date
05	Recertification cum Scope extension audit by DNV Business Assurance Italy S.r.l.	28 November, 2023
04	Scope Extension by DNV GL Business Assurance Italia S.r.l.	15 June, 2021
03	Recertification by DNV GL Business Assurance Italia S.r.l.	17 November, 2020
02	Recertification by DNV GL Business Assurance Italia S.r.l.	27 November, 2017
01	Recertification by DNV GL Business Assurance Italia S.r.l.	24 August, 2014
00	Recertification and Scope Extension by Det Norske Veritas AS Norway	24 August, 2011
00	Original certificate No. PED-H-140	22 December, 2008

Products covered by this Certificate:

Flexible Hose Assembly:

Product Description ²	Equipment Category	Media according to PED	Design Standard	Nominal Size	Max. Pressure in Bar g ³⁾	
				ND ^{1) 2)}	Single Braided Hoses	Double Braided Hoses
Stainless steel corrugated flexible hose assembly	Category I, II & III	Liquid and gases, fluid Group 1 & 2	EN ISO 10380, BS 6501 Part 1, BS EN 14585-1, ASME B31.3	32	40	64
				40	32	48
				50	28	44
				65	24	38
				80	18	28
				100	16	26
				125	12	20
				150	10	16
				200	8	12
				250	6.1	9.8

- 1) Flexible hoses smaller than the ranges listed in this table are covered by PED Article 4 Paragraph 3 and shall not be CE marked.
- 2) This certificate is covering type 2 and 1 Corrugated Flexible hoses according to EN ISO 10380:2012 within the following ranges:
 - Type 2: Range from DN 32 to DN 250
 - Type 1: Range from DN 32 to DN 250
- 3) Maximum Pressure given in this table applies for ambient temperature. For temperature limitations and temperature de-ratings ref. Table 3 & A.2 in EN ISO 10380:2012.

Metallic Bellows & Expansion Joints:

Product Description	Equipment Category	Media according to PED	Design Standard	Size Range	Pressure Rating	Temperature Range
Metallic Bellows & Expansion Joints (Unreinforced Single and Universal Circular)	Category I, II & III	Liquid and gases, fluid Group 1 & 2	EJMA 10 th Edition, ASME B31.3	32 mm to 1020 mm	Up to 50 bar	-196 °C to 650 °C

1. Metallic Bellows smaller than the ranges listed in this table are covered by PED Article 4 Paragraph 3 and shall not be CE marked.
2. This certificate is covering with Tie rod, Limiting rod, Shrouds, Liners, Fittings, etc.

Pressure Piping System / Spools:

Product Description	Equipment Category	Media according to PED	Design Standard	Size Range	Pressure Rating	Temperature Range
Pressure piping system / spools	Category I, II & III	Liquid and gases, fluid Group 1 & 2	ASME B31.3	32 mm to 300 mm	ASME B31.3	ASME B31.3

Cryogenic Globe valves in SS / Brass:

Product Description	Equipment Category	Media according to PED	Design Standard	Size Range	Pressure Rating	Temperature Range
Cryogenic Globe valves in SS / Brass	Category I, II & III	Liquid and gases, fluid Group 1 & 2	EN12516-1, EN12516-2, EN 10213, EN 1626, ASTM A351, EN 1982	1¼" to 4"	150#	- 196 °C to +150 °C

High Pressure SS Hoses:

Product Description	Equipment Category	Media according to PED	Size Range	Pressure Rating	Design Standard
High pressure SS Hoses	Category I, II & III	Liquid and gases, fluid Group 1 & 2	1¼" to 10"	Single braid – 275 Bar Double Braid – 360 Bar	EN ISO 10380, BS 6501 Part 1, BS EN 14585-1, ASME B31.3

Sites covered by this certificate:

Site Name	Site Address	Audited by	Date	Report ref
Bengal Industries Pvt Ltd	Plot no 228A, HSIDC Industrial Estate, Sector 59, Faridabad – 121004, Haryana, India	Anand Deshpande & Rajaram Bhoite	10 & 11 August, 2023	Audit report dt: 11 August, 2023
	Plot no 11/12/13, HUDA Industrial estate, Sector 59, Faridabad – 121004, Haryana, India			

Applications/limitations:

- Intended for group 1 and 2 fluids. Pressure equipment category I to III;
- Pressure equipment complying with article 4, paragraph 3 shall not bear CE marking according to pressure equipment directive;
- All bought-out components used shall be in compliance with applicable EU Directive(s).

Terms and conditions:

Valid terms and conditions are found in the DNV's PED Certification Requirements

END OF CERTIFICATE