



Certificate No:
PEDMC000007

MATERIAL MANUFACTURER CERTIFICATE

This is to certify:

that the manufacturer

Hawa Valves (India) Private Limited

[Forging unit]

**R-16 & R-954, TTC Industrial Area, Thane Belapur Road, Rabale,
Navi Mumbai - 400 701, Maharashtra, India**

has implemented and is maintaining a certified quality assurance system
and has undergone a

Specific Assessment for Materials

for applications covered by Directive 2014/68/EU on Pressure Equipment (PED). The manufacturer is found to comply with PED Annex I, section 4.3., for issue of certificates of specific product control, e.g. to EN 10204:2004 Type 3.1.

Further details are given overleaf

This Certificate is valid until **2026-05-10**.

Issued at **Høvik** on **2023-05-11**

for **DNV AS**

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Zeinab Sharifi
Certification Manager

Lack of fulfilment of conditions as set out in the Product Certification Agreement may render this Certificate invalid.
The digitally signed and electronically distributed document is the original and valid certificate.

DNV AS, Veritasveien 1, 1363 Høvik, Norway. Tlf.: +47 67 57 91 00. Email: PED@dnv.com

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Jurisdiction

Application of Directive 2014/68/EU and Norwegian Regulation FOR-2017-10-10-1631 "Forskrift om trykkpåkjent utstyr", as amended, issued by the Norwegian Directorate of Civil Protection and Emergency Planning and by the Petroleum Safety Authority Norway.

Certificate history

Revision	Description	Issue Date
-	Original certificate	2023-05-11

Standard	Material Grades	Heat Treatment Condition
ASME SA/ ASTM A 105	UNS K03504	Normalized
ASME SA/ ASTM A 105	UNS K03504	Quenched and tempered
ASME SB/ ASTM B 564	UNS N08825	Annealed
ASME SB/ ASTM B 564	UNS N06625	Annealed
ASME SA/ ASTM A 182	F44-S31254	Solution treated and quenched
ASME SA/ ASTM A 182	304/ 304L/ 316/ 316L/ 321	Solution treated and quenched
ASME SA/ ASTM A 182	F51 UNS S31803	Solution treated and quenched
ASME SA/ ASTM A 182	F53 UNS S32750	Solution treated and quenched
ASME SA/ ASTM A 182	F55 UNS S32760	Solution treated and quenched
ASME SA/ ASTM A 182	F60 UNS S32205	Solution treated and quenched
ASME SB/ ASTM B 637	UNS N07718	Solution treated
ASME SA/ ASTM A 350	LF2 and LF6 UNS K03011	Fully austenitized/ quenched and tempered
ASME SA/ ASTM A 564	Gr. 630 UNS S17400	Solution annealed and double precipitation-hardened
ASME SA/ ASTM A 182	F6a CL1 UNS S41000	Annealed/ normalized and double tempered
ASME SA/ ASTM A 182	F6a CL2 UNS S41000	Annealed/ normalized and double tempered
ASME SA/ ASTM A 182	F6a CL3 UNS S41000	Annealed/ normalized and tempered
ASME SA/ ASTM A 182	F6a CL4 UNS S41000	Annealed/ normalized and tempered
ASME SA/ ASTM A 182	F6NM UNS S41500	Normalized and tempered
ASME SA/ ASTM A 182	F22V UNS K31835	Normalized and tempered/ quenched and tempered
ASME SA/ ASTM A 182	F22 UNS K21590	Annealed, normalized and tempered

Sites covered by this Certificate

Site Name	Site Address	Audited by	Report Dated
Hawa Valves (India) Pvt. Ltd.	R-16 & R-954, TTC Industrial Area, Off Thane Belapur Road, Rabale, Navi Mumbai - 400701, Maharashtra, India	DNV MES, India (O-KX-O)	2023-04-28

Terms and conditions

The certificate is subject to the following terms and conditions:

- The certificate is only valid for the material types and/or manufacturing premises listed above.
- The Manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and efficient.
- The Manufacturer shall inform the local DNV Office of any intended updating of the quality system and DNV will assess the changes and decide if the certificate remains valid.
- Periodical audits will be held in order to verify that the Manufacturer maintains and applies the quality system. DNV reserves the right, on a spot basis or based on suspicion, to pay unannounced visits.

The following may render this Certificate invalid:

- Changes in the quality system.
- Periodical audits not held within the allowed time window.