



# CERTIFICATE FOR MANUFACTURE ASSESSMENT

Certificate No.:  
C621122 Rev 0.0

Initial date:  
31, July, 2018

Validity:  
31, July 2023 – 30, July 2028

This is to certify that DNV, at the request of

## **MADRAS HYDRAULIC HOSE (P) LTD**

Attended its Manufacturing unit located at,

## **D – 16 (S) SIPCOT Industrial Complex, Gummidipoondi, Chennai - 601201, INDIA**

In order to carry out a survey of the facilities and associated quality procedures. It was observed that adequate capacity has been established for manufacturing, inspection and testing with respect to the applied standards EN ISO 10380:2012 Articles 4.1 to 4.16, 5.1 to 5.8, 6.5 & 7.1 to 7.4 for the following product;

## **Manufacturer of Stainless Steel Corrugated Metal Hoses and Hose Assemblies with or without external wire braiding Size ranges starting from 6mm to 300mm (1/4" to 12")**

Pressure Range: Upto 405 bar (g)

Temperature Range: -200 Deg C to 550 Deg C

Type 1-50: Corrugated metallic hose of high flexibility and high fatigue life.

Type 1-10: Corrugated metallic hose of high flexibility and medium fatigue life.

This certification is valid subject to Annual facility surveys by DNV and re-certification after five years.

The certificate is issued on voluntary basis based on the request for certification from the manufacturer.

**Place and date:**  
**Chennai, 31, July, 2023**

**For the issuing office:**  
**DNV Business Assurance India Pvt. Ltd.**

**Hariharan Sundareswara**  
**Manager – Product Certification**



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Place and Date : Chennai, 31, July, 2023

**Re-certification audit on the production site has been carried out by DNV Business Assurance India Pvt. Ltd. (Chennai), on 21 & 22 June 2023**

**Terms and conditions for the Statement**

- Product Liability rests with manufacturer, in case of damages caused by defective products, Council Directive 85/374/EC, as amended, will apply;
- the system approval is valid only for the products listed above. For other types, an application for extension of the Statement must be sent to DNV Business Assurance India Pvt. Ltd. (Chennai);
- periodical audits and unexpected visits will be held, in order to verify that the manufacturer duly fulfils the obligations arising out of the approved quality system;
- the manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and effective;
- the manufacturer must give information of any intended adjustments of the Quality System to DNV Business Assurance India Pvt. Ltd. (Chennai), who will assess the changes and decide if the Statement remains valid;
- products were assessed on sampling basis only;

The following may render this statement invalid:

- changes in the quality system affecting production;
- periodical audits not held within the allowed time window.

**Statement history:**

<b>Certificate number &amp; Revision</b>	<b>Description</b>	<b>Issue Date</b>
12550-2018-PC-IND-DNV Rev 0.0	Initial certification by DNV Business Assurance India Pvt. Ltd	31, July 2018
C621122 Rev 0.0	Recertification	31, July 2023

**END OF STATEMENT**