

MATERIAL MANUFACTURE STATEMENT

Certificate No.:
7840-2016-PC-IND

Initial issue date:
08 January, 2016

Valid until:
07 January, 2021

This Statement consists of 3 pages

This is to certify that the product(s)

Open Die Forgings – Forged Flanges

Manufactured by,

Kisaan Die Tech Pvt Ltd.

A7/4 & 7/13, Electro Steel Compound, S.S.G.T. Road Industrial Area, Ghaziabad,
Uttar Pradesh - 201001, India.

has been reviewed / assessed with respect to:

the requirements specified in Norsok M-650 Ed. 4 on qualification of manufacturers of special materials and found to comply.

for Applications / Limitations refer page 1 & 2

This Material Manufacture Statement to be read in full.

Reference to the part of this Statement which may lead to misinterpretation is not permissible.

This certificate is valid for the following products:

NORSOK M-630 Ed. 6, MDS D44 Rev. 5 ASTM A 182 F51 UNS S31803

Place and date:
Chennai, 08 January, 2016

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



Hariharan – Product Certification
Manager – Product Certification

Certificate No.: 7840-2016-PC-IND
 Place and date: Chennai ; 08 January, 2016
 Revision: 00

Statement history

Revision	Description	Issue Date
00	Original Statement	08, January 2016

Products covered by this Statement

Product Description	Product Material Specification and Grade	Product Limitation		Manufacturing Summary & QTR reference
		Tested	Qualified	
Open Die Forging: Forged Flanges (Hot Forming Process)	NORSOK M-630 Ed. 6, MDS D44 Rev. 5, ASTM A182 Gr. F51, UNS S31803 Suppl. Req. S56	Thk: 147 mm	Thk: 147 mm	KDT/NORSOK/MS/14-15/01 Rev. 0 Dt. 28/05/2015 QTR no. KDT/NORSOK/15-6/01 Rev. 0, Dt. 08/01/2016
		Wt: 423 Kg	Wt: All	

Applications/Limitations

1. This Material Manufacture Statement does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650 Ed. 4 / NORSOK M-630 Ed. 6.
2. Supply of the products as listed above shall be as per inspection documentation EN 10204 - type 3.1 or 3.2 requirements under the discretion of the Purchaser.
3. The production test sample & test specimen requirements shall be as per MDS D44 Rev. 5 under the discretion of the purchaser.
4. The requalification process as per NORSOK M-650 Ed. 4, clause 8.2 shall be repeated if any essential changes are made to the production route or to the manufacturing procedure. E.g. change in the manufacturing process, major change of manufacturing equipment etc.
5. If production is carried out at different plants/locations, a separate qualification is required for each plant. This applies also for a change of subcontractors for essential operations as per Clause 10.2.6.
6. NDT operator qualification shall be as per NS-EN ISO 9712/ equivalent based on the purchaser's requirements.
7. Weld Repair is not acceptable.
8. Destructive & Non Destructive testing shall be as per NORSOK M-630 Ed. 6 MDS D44 Rev. 5 & applicable customer requirements.
9. Customer may approve the laboratory for production testing, if required.
10. NDT operator qualification shall be as per NS-EN ISO 9712/ equivalent based on the purchaser's requirements.
11. A temperature uniformity survey for the heat treatment furnaces shall be carried out annually in accordance with API Spec 6A Annex M, ASTM A 991 or equivalent and additional requirements given in NORSOK M-650 Ed. 4 Annex B.
12. Production testing shall be as per NORSOK MDS D44 Rev. 5, NORSOK M-650 Ed. 4 & customer requirements.
13. Twenty Joules higher than the production test requirement for impact testing during qualification is exempted as per CI 10.3.2.3 of NORSOK M-650 Ed. 4.

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Terms and conditions

The Statement is subject to the following terms and conditions:

- Product Liability rests with Manufacturer, in case of damages caused by defective products.
- The Statement is only valid for the product(s) listed above.
- The Statement is concerned with the design of the product, as per MDS D44 Rev. 5.
- A visit shall be made to the manufacturer in case of changes to essential variables, manufacturing summary or during re-qualification. Manufacturer shall inform the local DNV Business Assurance India Pvt. Ltd. office for any changes made with respect to QTR/Manufacturing summary.

The following changes may render this Statement invalid:

- Any deviation to application/limitation listed above
- Amendments to the referenced standard or manufacturing summary

END OF STATEMENT