

CONFORMATION

Qualification of Manufacturer of Special materials according to NORSOK M-650 Edition,4

Certificate No.: 146961555-IND-2024-01 Rev 0
Name and Address Fivebros Forgings Pvt. Ltd.
Of Manufacture: 534, Nirmal Galaxy, "Avior" 5th Floor,
LBS Marg, Opp. Jhonson & Jhonson,
Mulund (West), Mumbai-400080

This is to certify that the above mentioned material manufacture has been approved as a manufacture of special material as per:

Reviewed and assessed acc to: NORSOK M-650, Edition 4, September 2011

Data Sheet followed : NORSOK M-630:2020, Material Data Sheet MDS D44 for
ASTM A182 F51 (UNS S31803)/ F60 (UNS 32205) Rev 6

QTR No: QTR No FFPL/NOR/F51 & FFPL/NOR/F60

Scope of Apporval: Close Die Forgings – Flanges & Open Die Forgings –
Flanges & Components.

Production Site: 145A, GIDC Estate, ANKLESHWAR , Gujarat 393002

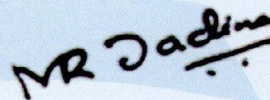
The manufacture has experienced and qualifed personnel, manufacturing facilities and equipment, established production and heat treatment procedures, applicable quality system as well as satisfactory qualifaction testing result.

NOTE: This certification is issued on request of Manufacture. There is no official listing in the name of NORSOK of accepted manufactures according to this NORSOK Standard.

The Validity of qualification is 5 years from the date of signing of QTR front page.



Mumbai, 10-09-2024
Pratik Brahmbhatt
Manager – Industrial Services



Mumbai, 10-09-2024
Malcolm Dadina
General Manager – Industrial Services

TÜV Rheinland India Private Limited
Office # 1209, 12th Floor, D. S. Business Galleria,
L.B.S. Marg, Kanjurmarg (W), Mumbai 400 079.

Certificate No.: **146961555-IND-2024-01 Rev 0**
 Name and Address **Fivebros Forgings Pvt. Ltd.**
 Of Manufacture: **534, Nirmal Galaxy, "Avior" 5th Floor,
 LBS Marg, Opp. Jhonson & Jhonson,
 Mulund (West), Mumbai-400080**

Statement history

Revision	Description	Issue Date
0	Original Certificate	10-09-2024

Products covered by this Statement

Product Description	Product Material Specification and Grade	Product Limitation		Manufacturing Summary & Tested Qualified QTR reference
		Tested	Qualified	
Close Die Forgings Products – Flanges	NORSOK M-630:2020 MDS D44 Rev 6 for ASTM A182 F51 (UNS S31803)/F60 (UNS 32205)	Thk: 80mm	Thk: 80mm	PN:MS:01:00 Rev 00 Dated 10-08-2024 QTR No FPL/NOR/F51 & FFPL/NOR/F60 Dated 09-09-2024
Open Die Forgings Products – Components & Flanges	NORSOK M-630:2020 MDS D44 Rev 6 for ASTM A182 F51 (UNS S31803)/F60 (UNS 32205)	Thk: 150mm	Thk: 150mm	PN:MS:01:00 Rev 00 Dated 10-08-2024 QTR No FFPL/NOR/F51 & FFPL/NOR/F60 Dated 09-09-2024

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 / NORSOK M-630
2. Supply of the products as listed above shall be as per inspection documentation EN 10204 type - 3.1/3.2 requirements under the discretion of the Purchaser.
3. The production test sample shall be as per relevant MDS under the discretion of the purchaser.
4. The re-qualification 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 the manufacturing procedure. e.g. major change of manufacturing process/equipment, heat treatment etc
5. If production is carried out at different plants / locations, a separate qualification is required for each plant. This applies also for change of in-house to subcontractors or change of subcontractor for essential operations as e.g. heat treatment, etc.
6. NDT operator qualification shall be as per NS-EN ISO 9712 or equivalent based on the purchaser's requirements.
7. A temperature uniformity survey for the heat treatment furnaces shall be carried out annually in accordance with API Spec 6A, Annex M, or equivalent and additional requirements of NORSOK M-650 Ed. 4 Annex B.
8. This certificate is issued after satisfactory completion of qualification as per Norsok M-650 Ed.4 and Norsok M-630:2020
9. This certificate is issued based on the requisition letter from the manufacturer dated from the manufacturer.
10. Acceptance of QTR is at the discretion and determination of the purchaser.