

MATERIAL MANUFACTURE STATEMENT

Certificate No.:
14398-2019-PC-IND

Initial date:
19 March, 2019

Valid until:
19 March, 2019 to 18 March, 2024

This statement consists of 3 pages

This is to certify that the product(s)

Sand Castings
Manufactured by,

Shree Kumaran Alloys

SF No. 461, Telungupalayam Road, Ellapalayam Post, Coimbatore – 641 697

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.

Applications/limitations:

See page 1 & 2

This Material Manufacture Statement shall 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 D46 Rev. 5 ASTM A995 Grade 4A UNS J92205
NORSOK M-630 Ed. 6 MDS D56 Rev. 5 ASTM A995 Grade 5A UNS J93404
NORSOK M-630 Ed. 6 MDS D56 Rev. 5 ASTM A995 Grade 6A UNS J93380

Place and date:
Chennai; 19 March, 2019

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




Hariharan Sundareswara
Manager – Product Certification

Certificate No.:14398-2019-PC-IND
Place and date: Chennai; 19 March, 2019
Rev.: 0

Statement history

Revision	Description	Issue Date
00	Original Statement	19 March, 2019

Products covered by this Statement

Product Description	Product Material Specification and Grade	Thickness and Weight Limits		Manufacturing Summary & QTR reference
		Tested	Qualified	
Hand Mould Sand Castings	Norsok M-630 Ed. 6, MDS D46 Rev. 5, ASTM A995 Grade 4A UNS J92205	Thk: 153 mm	Thk: 153 mm	SKA/MS/01 Rev. 0, Dt. 23.07.2016 & SKA/QTR/N/01 Rev. 0, Dt. 19.03.2019
		Wt: 255 kg	Wt: All	
	Norsok M-630 Ed.6, MDS D56 Rev. 5, ASTM A995 Grade 5A UNS J93404	Thk: 200 mm	Thk: 200 mm	SKA/MS/02 Rev. 0, Dt. 23.07.2016 & SKA/QTR/N/02 Rev. 0, Dt. 19.03.2019
		Wt: 255 kg	Wt: All	
	Norsok M-630 Ed.6, MDS D56 Rev. 5, ASTM A995 Grade 6A UNS J93380	Thk: 153 mm	Thk: 153 mm	SKA/MS/03 Rev. 0, Dt. 23.07.2016 & SKA/QTR/N/03 Rev. 0, Dt. 19.03.2019
		Wt: 255 kg	Wt: All	

Sites covered by this Statement

Site Name	Address
Shree Kumaran Alloys	SF No. 461, Telungupalayam Road, Ellapalayam Post, Coimbatore - 641 697

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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/ 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, ASTM A 991 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 Ed. 6.
9. This certificate is issued based on the requestion letter dt. 22.07.2016 from the manufacturer.
10. Acceptance of QTR is at the discretion and determination of the purchaser.

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 valid only for the product(s) listed above
- 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 GL 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 reference standard and manufacturing summary

END OF STATEMENT