

# MATERIAL MANUFACTURE STATEMENT

Certificate No.: 10000369875-PA-DNV GL-IND Initial issue date: 12 July, 2013 Valid until: 03 June, 2020 to 02 June, 2025

This is to certify that the product(s)

## Sand Casting

Manufactured by,

### Karmen International Pvt. Ltd.

A-12, Sipcot Industrial Growth Centre, Oragadam, Sriperumbudur Tk, Kancheepuram Dist, Pin-602 105, Tamilnadu, 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.

Applications/limitations:

See page 1 & 2

This Material Manufacturer 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 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, 20 July, 2020

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

**Hariharan Sundareswara**  
Manager – Product Certification

Certificate No.: 10000369875-PA-DNV GL-IND  
 Place and date: Chennai ; 20 July, 2020  
 Rev.: 00

**Statement history**

Revision	Description	Issue Date
-	Original Statement	12 July, 2013
1	Upgradation to Norsok M-630 Ed. 6	16 June, 2014
2	Norsok M-650 Renewal	03 June, 2015
0	Renewal by DNVGL Business Assurance India Pvt. Ltd.	20 July, 2020

**Products covered by this Statement**

Product Description	Product Material Specification and Grade	Product Limitation		Manufacturer's Summary & QTR reference		
		Tested	Qualified			
Sand Castings	NORSOK M-630 Ed. 6 – MDS D46 Rev. 5 ASTM A995 Grade 4A UNS J92205	Thk: 160 mm	Thk: 160 mm	KIPL/MS-N/01 Rev.3, Dt. 04.05.2020 & KIPL/QTR/N/01 Rev.3, Dt. 16.06.2020		
		Wt: 260 kg	Wt: All			
	NORSOK M-630 Ed. 6 – MDS D56 Rev. 5 ASTM A995 Grade 5A UNS J93404	Thk: 160 mm	Thk: 160 mm		KIPL/MS-N/02 Rev.3, Dt. 04.05.2020 & KIPL/QTR/N/02 Rev.3, Dt. 16.06.2020	
		Wt: 260 Kg	Wt: All			
	NORSOK M-630 Ed. 6 – MDS D56 Rev. 5 ASTM A995 Grade 6A UNS J93380	Thk: 160 mm	Thk: 160 mm			KIPL/MS-N /03 Rev.3, Dt. 04.05.2020 & KIPL/QTR/N/03 Rev.3, Dt. 16.06.2020
		Wt: 260 Kg	Wt: All			

**Sites covered by this Statement**

Site Name	Address
Karmen International Pvt. Ltd.	A-12, Sipcot Industrial Growth Centre, Oragadam, Sriperumbudur Tk, Kancheepuram Dist, Pin - 602 105, Tamilnadu, India.

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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. Welding shall be carried out by qualified welders according to qualified procedures as per the respective MDS of Norsok M-630 Ed. 6.
7. NDT operator qualification shall be as per NS-EN ISO 9712/ equivalent based on the purchaser's requirements.
8. 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.
9. This certificate is issued after satisfactory completion of qualification as per Norsok M-650 Ed.4 and Norsok M-630 Ed. 6.
10. This certificate is issued based on the requestion letter dt. 04.05.2020 from the manufacturer.
11. 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 only valid for the product(s) listed above
- A visit shall be made to the manufacturer in case of changes to essential variables, manufacturer 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 may render this Statement invalid:

- Any deviation to application/limitation listed above
- Changes in the design or construction of the product(s)
- Changes or amendments to the referenced standard and manufacturing summary

## END OF STATEMENT