

MATERIAL MANUFACTURE STATEMENT

Certificate No.:
9277-2016-PC-IND

Valid from:
30 December, 2016

Valid until:
29 December, 2021

This is to certify that the product(s)

Sand Castings

Manufactured by,

Metflow Cast Pvt. Ltd.

Survey No: 79, NH-27, Near Goldcoin Foam, Village: Shapar, Rajkot – 360 024, Gujarat, 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 A 995 Gr.4A UNS J92205
NORSOK M-630 Ed. 6 MDS D56 Rev.5 ASTM A 995 Gr.5A UNS J93404

Place and date:

Chennai; 30 December, 2016

For the issuing office:

DNV GL Business Assurance India
Pvt. Ltd.



Hariharan Sundareswara

Manager – Product Certification

Certificate No.: 9277-2016-PC-IND
 Place and date: Chennai ; 30 December, 2016
 Revision no. : 0

Certificate history

Revision	Description	Issue Date
0	Original Certificate	30 December, 2016

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 A 995 Gr. 4A UNS J92205	Thk: 128 mm	Thk: 128 mm	MCPL/NORSOK/MS/4A Rev. 0 Dt. 18.02.2016 & MCPL/NORSOK/QTR/02 Rev. 0, Dt. 30.12.2016
		Wt: 610 Kg	Wt: All	
	NORSOK M-630 Ed. 6 MDS D56 Rev. 5 ASTM A995 Gr. 5A UNS J93404	Thk: 128 mm	Thk: 128 mm	MCPL/NORSOK/MS/5A Rev. 0 Dt. 18.02.2016 & MCPL/NORSOK/QTR/01 Rev. 0, Dt. 30.12.2016
		Wt: 610 Kg	Wt: All	

Sites covered by this Statement

Site Name	Address
Metflow Cast Pvt. Ltd.	Survey No: 79, NH-27, Near Goldcoin Foam, Village: Shapar, Rajkot – 360 024, Gujarat, India.

Certificate No.: 9277-2016-PC-IND
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Applications/Limitations

1. This Material Manufacturer 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 or 3.2 requirements under the discretion of the Purchaser.
3. The production test sample/ Integral test block or Gated test block requirements shall be as per MDS D46 Rev. 5 & MDS D56 Rev. 5 under the discretion of the purchaser.
4. The re-qualification process as per Norsok M-650 clause 8.2 shall be repeated if any essential changes are made to the production route or the manufacturing procedure. E.g. change in the final melting/refining process, a major change of the casting method, a major change of manufacturing equipment, welding procedure & process 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, where permitted by relevant standard shall be carried out by qualified welders according to qualified procedures as per the respective MDS of Norsok M-630 and approved by Notified Body (No Bo) or recognized 3rd party organization (RTPO).
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 6A Annex M, ASTM A 991 or equivalent and additional requirements given in Annex B of Norsok M-650 Ed. 4.

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 or amendments to the referenced standard and manufacturing summary

END OF STATEMENT