

MANUFACTURING SURVEY ARRANGEMENT

MSA No: MSA0000B21 Revision No: 1

Between "Manufacturer" Europe Steel Center B.V. Moerdijk, Netherlands

and

"DNV" Det Norske Veritas B.V. Netherlands CMC

Ref. Recognition Certificate: MSARC0000B21

This Manufacturing Survey Arrangement (MSA) is applicable to **Steel material** - **Transfer of marking of rolled steel products, NV or VL grades** subject to testing and inspection for conformance with the requirements of DNV Rules, as stated herein.

This MSA implies that the manufacturer is authorised according to scope and conditions as detailed in the subsequent pages.

The MSA is valid until 2025-06-30

The MSA will, however, be invalid if the Recognition Certificate is invalid.

The MSA is governed by DNV's general terms and conditions. These may be provided upon request.

Issued at Netherlands CMC on 2021-12-17

for EUROPE STEEL CENTER B A. Oerlemans Manager QHSE

for DET NORSKE VERITAS B.V.

Angenent, Maurice Service Line Manager VMC/VCA Benelux& France





1. Scope of Work

For the above mentioned product(s) to be certified for conformance with DNV Rules, the following conditions will come into force:

The product range covered by this MSA is rolled steel products certified by DNV according DNV Rules and manufactured at DNV Approved Manufacturers.

This scope covers the transfer of identification marks from originally marked materials to parts that are cut off, at Europe Steel Center B.V., Moerdijk, The Netherlands.

In this agreement transfer of DNV stamps is defined as:

- Transfer of text/marks from badge/plate to each item in a bundle
- · Transfer of text/marks from original product to parts that are cut of
- Transfer of painted marking
- · Transfer of marks that disappear by sandblasting or similar processes

1.1 Reference Documents

- I. DNV Rules for Classification of Ships Pt. 2, Ch. 2, Sec.2
- II. DNV Offshore Standards, DNV-OS-B101, Ch.2 Sec. 1
- III. Quality System Certificate No. 264693-2018-AQ-NLD-RvA
- IV. The Dealers documented and accepted procedures for transfer of stamps
- V. The Manufacturing Survey Arrangement, MSA0000B21 Rev.1
- VI. Purchaser's order specification
- VII. DNV MSA Assessment report Order A1144131

1.2 Assessments performed by DNV

Compliance with the conditions agreed in this MSA is subject to control and review by assessing as follows:

- Periodical assessments of the MSA function are to be made at least at 6 months intervals, based on a mutually agreed schedule and depending on the volume of reports made.
- b) Project-specific assessments or unscheduled spot checks may be made to ensure compliance of the products with Rule requirements.

For this purpose, DNV shall at all reasonable times be given access to the steel dealers plant and to the relevant documents and records.

1.2.1 Agenda for the MSA assessments

The agenda for the assessments will be proposed by DNV in the notification of the meeting.

The agenda may typically contain:

- a) Organisation, responsibilities and qualifications of relevant personnel.
- b) The efficiency of the implementation of the MSA.
- c) Operational procedures and instructions related to the MSA agreement.
- d) Manufacturing processes, inspection and testing.
- e) Test records.
- f) Castings and forgings materials, properties and applications.
- g) Product marking and traceability and control of non-conforming product.
- h) Claims, question from clients and others.
- i) Review of possible problem areas raised from previous MSA assessments.
- j) Review of reports from Quality System Audits.
- k) Information to be updated.
- Statistical results from testing.
- m) Review of the Quality System Audit reports in connection with ISO QSC.
- News from DNV.

Any problems found should be handled as non-conformities. Corrective actions will be re-assessed by DNV.



2. Reporting by the dealer

2.1 Inspection report/re-marking declaration

The dealer is allowed to copy the original DNV certificate on behalf of DNV. The dealer shall print or stamp the following text on each re-marking declaration:

"This is to certify that the transfer of markings and stamps has been performed by Europe Steel Center B.V., Moerdijk and that Europe Steel Center B.V., Moerdijk has copied the original DNV certificate if applicable. This has been performed by Europe Steel Center B.V., Moerdijk under the authorization of a Manufacturing Survey Arrangement (No. MSA0000B21), which is subject to review by periodical audits.

Copies of DNV certificates for the materials in question shall always follow the re-marked products.

Each re-marking declaration is to be given a DNV reference number which can be reserved through the veracity portal and the signed report shall be uploaded using the veracity portal to the order which is created for this purpose.

2.2 Documenting testing and inspections covered by this MSA agreement

For each order, the remarking declaration(s) shall be archived by the dealer and these shall be made available for review during the periodical assessments.

2.3 Non-conformances

The dealer is to report any deviation from the DNV Rules and this MSA agreement and obtain DNV's written approval prior to dispatch of the product.

2.4 Information to DNV

The dealer is to report any purchaser requirement, which may extend the scope defined in the DNV Rules. Any additional requirements outside of the DNV Rules are not covered by this MSA.

All customer complaints to products delivered under this MSA agreement shall be reported to the DNV local office. A procedure for reporting of customer complaints has to be established by the dealer and approved by DNV. It is up to DNV to decide if further involvement is necessary or not at that time. However, closing of customer complaints reported to DNV and corrective actions implemented by the dealer will be discussed under the MSA assessment.

3. Reporting by DNV

3.1 Information to manufacturer

DNV will inform the manufacturer of new or amended rules and regulations which would affect the arrangements authorised.

3.2 MSA assessments

After each assessment a report will be prepared by DNV, and this report is distributed to the involved parties.

4. Marking for Identification

4.1 Marking

4.1 Transfer of the marking

The transfer of the NV or VL mark from the original product to the cut off part is done by use of a steel stamp furnished by DNV.

Only materials originally marked *VL* (or NV or GL) are covered by this arrangement and are permitted marked *NV*. The *NV* stamp can only be used by personnel duly authorised to carry out the transfer of marking from plates to cut off products within Europe Steel Center B.V., Haarlem, the Netherlands.

4.2 Handling of the NV-stamp(s)

The manufacturer's signer of the MSA agreement is kept responsible for the NV-stamp(s) provided to them as part of this agreement, and the stamp(s) shall only be used by authorised personnel.

The NV-stamp(s) must not be transferred to subsidiary companies belonging to the same group or any other third party.

A worn out or damaged NV-stamp is to be returned to DNV who will supply a new stamp.

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The NV-stamp(s) shall be returned to DNV when the MSA agreement is invalid.

5. Monitoring and Administration of the MSA

The DNV Rotterdam Office is responsible for:

- 1) Follow up of the MSA through the periodical MSA assessments.
- 2) The regular contact with the manufacturer.
- 3) Review of works certificates.
- Issuing DNV certificates.
- 5) Invoicing.

6. Fees and Payment Terms

Certification fees will be charged in accordance with DNV's standard fees for manufacturers holding a certified QSC and having implemented a MSA or in accordance with special written agreements, to be updated annually.

7. Regulation for the Certification Services

Regulations with respect to obligations, publications, suspension, withdrawal/cancellation and appeal are given in DNV CLASS PROGRAMME No. DNVGL-CP-0337 "General description of services for certification of materials and components", Section 2 [7].

8. Validity

Any changes in production process, procedures or other matters that may influence the validity of the Recognition Certificate, the MSA agreement or the conditions stated therein are to be submitted to DNV for evaluation.

The MSA will be invalid if:

- a) The Recognition Certificate is invalid.
- b) The DNV Approval of Manufacturer Certificate(s) / Type Approval Certificate(s) is invalid.
- c) The QSC is invalid.
- d) The possible non-conformities from the MSA assessments are not responded to and/or corrective actions are not implemented within the agreed time.
- e) The manufacturer does not comply with the obligations of the MSA agreement.
- f) The certification fees are not paid in due time.

Either party shall have the right to terminate this MSA subject to three months written notice.

9. Liability and Indemnity

If any person suffers loss or damage which is proven to have been caused by any negligent act or omission of the Society, the Society shall pay compensation to such person for his proven direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question. The maximum compensation shall never exceed USD 2 million.

In this provision the "Society" shall mean DNV AS as well as its direct and indirect owners, affiliates, subsidiaries, directors, officers, employees, agents and any other person or entity acting on behalf of DNV AS.

10. Law and Jurisdiction

This MSA shall be governed and construed in accordance with the laws of Norway.

Any dispute arising in relation to or as a consequence of this MSA, which cannot be settled amicably through negotiations between the parties, shall be subject to the courts of Oslo, Norway.

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