

APPROVAL OF SERVICE SUPPLIERS

This is to certify that

Motive Spooling & Inspection Ltd
Kintore, United Kingdom

is granted acceptance for

Thickness measurements , in accordance with Class Programme DNV-CP-0620.

Category I: Authorised to do measurements on all types and sizes of ships

This service supplier certificate will be accepted for use with all rule sets published by DNV.
See the following page(s) for details regarding application.

This Certificate is valid from **2023-06-20** to (inclusive) **2026-06-19**.

This Certificate is issued on **2023-06-20**.



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signatures

Moraes, José Guilherme
Surveyor

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.



Application:

The Approval is granted for the Ultrasonic Thickness Measurements (UTM) of steel structures on ships and offshore units of all types and sizes (for limitations refer to "Remarks").

Remarks:

Non-Conformance The company had not presented a practical demonstration, therefore this certificate is limited until completion of the first job that will fulfil the requirements stated on DNV-CP-0484 and IACZ UR Z17.

The enclosed certificate is based upon the following conditions:

1. The requirements stated in DNV-CP-0484 "Approval of Service Suppliers Scheme" and DNV-CP-0620 "Thickness Measurements" continue to be met. The Approval is conditional upon the firm maintaining the audited scheme and notifying DNV of any significant changes in personnel, equipment or procedures.

2. Thickness measurement shall be carried out according to the following Approved-written Procedures:

Procedure	Doc. No.	Version	Date
Ultrasonic measurement survey of ships hull structure procedure - UTM of Ships Hull to DNV	MOG-C-MSI-PRO-023	1	2022/12/02

3. Approved procedures are filed under Nauticus Certificate Production ID: A1274679.

4. It is the obligation of the firm to follow their approved training programmes and assign the tasks to the qualified personnel as required for thickness measurement service and approved by DNV. NDT Personnel qualified under the SNT-TC-1A scheme shall present records of qualification as per stated on written practice mentioned above. The supplier shall maintain an updated list of the qualified personnel, including evidence of the changes with relevant information to DNV.

5. Kick-off meeting to be held in timely manner among the DNV attending surveyor(s), thickness measurement operator(s) and owner's representative(s) with respect to the following topics:

- reporting thickness measurements on regular basis to the attending surveyor
- up-to-date Level II qualification records for all supervisors (2 years) and technicians (1 year)
- equipment readiness and calibration certificate
- prompt notification to the Surveyor in case of the following findings:
 - excessive and/or extensive corrosion or pitting/grooving of any significance
 - structural defects like buckling, fractures and deformed structures
 - detached and/or holed structure