

# APPROVAL OF SERVICE SUPPLIERS

This is to certify that

**Motive Spooling & Inspection Ltd**  
**Kintore, United Kingdom**

is granted acceptance for  
**Non-Destructive Testing (NDT) on classification projects , in accordance with Class Programme DNVGL-CP-0484.**

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 **2021-05-25** to (inclusive) **2024-05-24**.

This Certificate is issued on **2021-06-02**.



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This Certificate may be withdrawn if: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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



**Application:**

The Approval is granted for Non-Destructive Testing (NDT) listed below on Ships, Offshore Units:

- Eddy Current Testing (ET)
- Liquid Penetrant (LT)
- Magnetic Particle Test (MT), yoke technique
- Ultrasonic Testing (UT), Pulse-Echo technique of welds in plates, pipes, T- and Y-joints in C-Mn steels.
- Phased-Array Ultrasonic Testing (PAUT) for bolts, pins and shafts

**Remarks:**

The enclosed certificate is based upon the following conditions:

1. The requirements stated in DNV-CP-0484 B04 Approval Programme 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. Non-Destructive Tests shall be carried out according to the following Approved-written Procedures:

Procedure	Doc. No.	Rev.	Date
Phased-Array Ultrasonic Testing Procedure for examination of Bolts, Pins and Shafts	MOG-C-MSI-PRO-015	1.0	2021-03-18
Ultrasonic Examination Procedure for the Testing of Welds in Accordance with DNV-CG-0051 & DNV-OS-C401	MOG-C-MSI-PRO-016	0	2021-05-06
Eddy Current Inspection Procedure for the Testing of Ferromagnetic Welds in Accordance with BS EN ISO 17643	MOG-C-MSI-PRO-017	0	2021-05-06
Magnetic Particle Inspection Procedure for the Testing of General Products in Accordance with BS EN ISO 9934 & BS EN ISO 17638 and DNV-CG-0051	MOG-C-MSI-PRO-018	0	2021-05-06
Liquid Penetrant Inspection Procedure for the Testing of General Products in Accordance with BS EN ISO 3452	MOG-C-MSI-PRO-019	0	2021-05-06

3. All approved NDT procedures are filed under Nauticus Certificate Production ID: **A1036615**.
4. List of approved operators and supervisors is filed Nauticus Certificate Production jobs **A1036615**. It is the obligation of the firm to follow their approved training programmes and assign the tasks to the qualified personnel as required for each service category and approved by DNV. The supplier shall maintain an updated list of the qualified personnel, maintain a record of the history of changes to the list and inform the DNV Aberdeen about any changes to the list prior to effective use of the list.
5. Ultrasonic Testing (UT), Pulse-Echo technique is valid for welds in plates, pipes, T- and Y-joints in C-Mn steels with minimum thickness of 10mm.
6. Eddy current Testing (ET) maximum coating thickness is 2.0mm.

**Confidential text:**

1. Up-to-date qualification and eye sight test to be attached to the NDT Reports.
2. Agents or Subsidiaries included in the Application are limited to equipment rental and NDT Inspector Level III.