



## **TECHNICAL CIRCULAR No. 575 of 09<sup>th</sup> August 2019**

To	All Surveyors/Auditors
Applicable to flag	All Flags
Title	<b>Approval of NDT Firms</b>
Reference	CONARINA Survey Instructions

### **Approval for Firms Providing Non-Destructive Examination (NDE)-excluding gaugings**

The firms engaged in Non-Destructive Examination (NDE) should be verified as follow:

- 1) Does the specialist have the following qualifications?
  - a) Training and follow-up for NDT operators including practical training on various ships
  - b) For each inspection method, personnel are certified in accordance with the latest International Standard ISO 9712 – Non-destructive Testing – Qualification and Certification of Personnel and/or other internationally/nationally recognized certifying programs/standards such as ASNT Central Certification Program
  - c) Appropriate number of personnel certified to Level I, II and III
    - i) The supervisor shall, be certified to Level 3 in the NDT method(s) concerned and as described in item 2.3. Please note that Level 3 certification by appointment is not acceptable. Whilst it is recognized that independently certified Level 3 personnel may not exist by the Supplier for all stated methods, the Supplier shall ensure that appropriate Level 3 personnel is provided for in the applicable methods from an external source.
    - ii) The operator carrying out the NDT and interpreting indications, shall as a minimum, be qualified and certified to Level 2 in the NDT method(s) concerned and as described in item 2.3. However, operators only producing radiographs and not performing film interpretation may be qualified and certified in RT at level 1
- 2) Subcontractors shall meet all the requirements of an employee
- 3) A record of the equipment used for NDT shall be kept. The record shall contain information on maintenance, calibration and verification. Where the Supplier hires equipment from external resources, the equipment shall have updated calibration records, and the operators shall be familiar with the specific equipment type prior to using it (within the scope of this approval). Under any circumstance, the Supplier shall possess enough equipment to carry out the services specified in the certificate of approval.
- 4) The following documentation is available:
  - a) Assignment of personnel to NDE activities
  - b) NDT inspection shall be performed by certified level I, II or III personnel

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c) Procedures and techniques established and approved by personnel certified to NDT Level III in the applicable inspection methods.

REFERENCES:

- CONARINA Survey Instructions, ABS

- ATTACHMENTS: No

Kindest Regards,  
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