



MINISTRY OF TRANSPORT AND COMMUNICATIONS
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Directive (16/2017)

Tank Calibration Firm Approval

Applicable to: Ship owners, Recognized Organizations, Shipping Companies, SRPS,
Flag State Surveyors

1. In exercise of the power of Section 294(b) of Myanmar Merchant Shipping Act, and Section 5(c) of Inland Vessels Law, the Department of Marine Administration circulate this directive for the approval of tank calibration firm.
2. The purpose of this directive is to provide guidance and Procedure for the approval of tank calibration firm.
3. The tank calibration firm intended to provide service of tank calibration on Myanmar registered vessels shall apply for approval in accordance with the attached guideline and procedure for the approval of tank calibration firm.
4. The Department of Marine Administration shall recognize the firm found to be in accord with the standard as approved tank calibration firm.

Maung Maung Oo

Director General

Department of Marine Administration

Guidance and Procedure for the approval of Tank Calibration Firm

1. The tank calibration firm which intended to be approved for the service of calibrating cargo tanks shall apply for the approval to the Director-General of the Department of Marine Administration with the following attached documents:
 - a. Type, scope and category of calibration service to be provided;
 - b. Documents certifying that the testing equipment and facilities under application conforms to the technical standards, such as calibration reports;
 - c. Guidelines and Instructions for the calibration;
 - d. ISO 9001:2005 Certificate.
 - e. Record of tank calibration test performed before application(if available);
 - f. Organizational charts of departments concerned with testing and quality control for the firm with the qualifications and the evidence of staff training;
2. Upon the satisfaction of the submitted documents, the Director-General may authorize the relevant Division to inspect the testing firm and recommend for the approval.
3. In order to confirm that the testing firm under application conforms to the technical standards, the test firm shall carry out the calibration test of the cargo tanks in the presence of the flag-state surveyor from the administration. The tank to be calibrated will be filled with the fuel oil through the certified and calibrated flow-meter to get the volume of oil filled in.
4. The calibration table compiled by the test firm will be compared with the actual result, tanks are sounded and the results are compared with data read from the flow-meter. The tolerance of the difference between two results shall be of not more than 1.5%.
5. Witnessing the tank calibration process and analyzing by the Flag-state surveyor shall be of two times on different vessel and the result data shall be satisfactory.
6. The authorized Division may submit the recommendation for the approval of the firm to the Director-General with the documents of inspection and the approval certificate may be issued by the Department of Marine Administration.