SINGAPORE STANDARD SS600 (AMENDED) - QUANTITY MEASUREMENT PROCEDURES (KEY STEPS)

Chief Engineer should check and ensure that SS600’s pre-delivery conference and documentation procedures are carried out.

BEFORE BUNKERING

1. Declare the contents and measurements of non-cargo tanks of bunker tanker in Part 1 of the Non-Cargo Tank Declaration/Inspection Form.
2. Inspect/Gauge the non-cargo tanks and Verify Cargo Officer’s declaration.

OPENING TANK GAUGING

3. Sign and Stamp on Part 1 of the Non-Cargo Tank Declaration/Inspection Form.

OPENING TANK GAUGING

4. Verify the reference heights of cargo oil tanks of bunker tanker.
5. Check measurement equipment.

BEFORE BUNKERING

6. Witness and Confirm the opening tank gauging and cargo temperature readings of all cargo oil tanks.

TANK GAUGING / CALCULATION FORM

7. Determine the Trim & List of the bunker tanker.
8. Record all reference heights, gauging, trim & list of bunker tanker and cargo temperatures in the Tank Gauging / Calculation Form.

BEFORE BUNKERING

9. Confirm all readings and Sign the Tank Gauging / Calculation Form immediately after the opening gauge.

CLOSING TANK GAUGING

10. Witness and Confirm the closing tank gauging and cargo temperature readings of all cargo oil tanks.

BUNKER DELIVERY NOTE

11. CE/CO to repeat Step 7
12. CO to repeat Step 8
13. Complete and Sign the Tank Gauging / Calculation Form.
14. Calculate the delivered quantity.

15. CO to prepare the Bunker Delivery Note.
16. Verify the delivered quantity as stated in the Bunker Delivery Note.
17. Complete, Sign and Stamp on the Bunker Delivery Note.

IMPORTANT NOTES
- GAUGING TAPES WITH ILLEGIBLE MARKINGS OR THAT ARE KINKED SHALL NOT BE USED.
- ONLY ASTM-APPROVED THERMOMETERS IN GOOD WORKING CONDITION SHALL BE USED.
- WATER CUT SHALL BE TAKEN BY USING WATER-INDICATING PASTE FOR ALL GRADES OF BUNKERS.
- OIL-INDICATING PASTE SHALL BE USED WHEN GAUGING MGO TANKS.
- DO NOT SIGN THE NON-CARGO DECLARATION / INSPECTION FORM BEFORE VERIFYING THE NON-CARGO TANKS.
- DO NOT SIGN THE TANK GAUGING / CALCULATION FORM OR THE BUNKER DELIVERY NOTE BEFORE WITNESSING AND CONFIRMING THE TANK GAUGING AND CARGO TEMPERATURE READINGS OF ALL CARGO OIL TANKS OF THE BUNKER TANKER.
- IN THE EVENT OF A QUANTITY DISPUTE, INSPECT, GAUGE AND VERIFY ALL CARGO AND NON-CARGO TANKS OF THE BUNKER TANKER. IF THE DISPUTE REMAINS UNRESOLVED, RAISE A NOTE OF PROTEST.