

Cargo Care Checklist: Nickel Ore

ACTION TO BE TAKEN WHEN LOADING NICKEL ORE

This checklist should be used in conjunction with the ship operator's procedures for the loading of Nickel Ore.

If loading Nickel Ore in Philippines or Indonesia notify North.

⚠ Consider appointing a surveyor

01 Documentation received from shipper – Before loading

- Correct Bulk Cargo Shipping Name (BCSN) as per the IMSBC code 4.3.3.....
- Certificate of Transportable Moisture Limit (TML) – test completed within 6 months of loading date.....
- Certificate of Moisture Content (MC) – test completed within 7 days of loading date or after a period of rain.....

Warning

TML and MC results provided by the shipper's/mine's own laboratory may be unreliable
No cargo to be loaded without documentation

02 Visual Inspection of cargo prior to loading (where allowed and is safe to do so)

- Look for excessive moisture prior to loading

Note: Excess moisture example



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03 Perform a can test before and during loading

- All crew aware of correct way to conduct can test as per the IMSBC code*
- 0.5 litre straight sided, rigid can ready
- Can test performed on barge arrival - result recorded
- Can test performed at regular intervals throughout loading - results recorded
- Take photographs of can tests includes barge name/hold no.
- Report all results to marine operations department daily

*www.nepia.com/latest/all-publications/

Warning

Any can test failure - Stop cargo operations immediately

A can test will not prove a cargo is 100% safe, only when a cargo is unsafe

Master to complete letter of protest (LOP) as required

Reminder: Can test



PASS

- Free particles
- Not flattened out
- No free water on surface



FAIL

- Completely flattened out
- Looks like a liquid
- Flows like a liquid
- Moves in the can
- Free water on surface

We recommend that you carry the North can test business card whilst on deck as a reminder of how to conduct the can test.

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04 Monitor loading operations

- Look for splatter on the hold bulkheads
- Watch for obvious signs of excessive moisture
- Watch for obvious signs of slumping
- Watch for obvious signs of flow-state

Warning

Beware of crane operators lowering the grab deep into the hold to reduce and hide splatter in the holds

05 Master to complete required reports:

- Daily report
- LOPs as required

Note

Any issues contact the operations department and seek assistance from North's local correspondent

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