

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



Cargo Care Checklist: Nickel Ore (cont.)

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.

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.

Cargo Care Checklist: Nickel Ore (cont.)

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.

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

Disclaimer

The purpose of this publication is to provide a source of information which is additional to that available to the maritime industry from regulatory, advisory, and consultative organisations. Whilst care is taken to ensure the accuracy of any information made available no warranty of accuracy is given and users of that information are to be responsible for satisfying themselves that the information is relevant and suitable for the purposes to which it is applied. In no circumstances whatsoever shall North be liable to any person whatsoever for any loss or damage whensoever or howsoever arising out of or in connection with the supply (including negligent supply) or use of information.

Unless the contrary is indicated, all articles are written with reference to English Law. However it should be noted that the content of this publication does not constitute legal advice and should not be construed as such. Members should contact North for specific advice on particular matters.