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| **Hygroscopic cargo - checklist** | |
| **Prior to loading** | |
| Ensure hold are clean, dry and free from odour |  |
| Ensure bilges are clean, free from odour and tested |  |
| Test bilage non-return valves and high level alarms (where fitted) |  |
| Protect bilge covers with burlap and secure in place (bulk cargoes) |  |
| Flush sounding and thermometer pipes with water |  |
| Check holds for signs of infestation |  |
| Ensure ventilation arrangements (eg. fans, trunkings, dampers, seals) are working correctly |  |
| Verify that hatch covers and hold access doors are watertight |  |
| Test smoke detection and smothering systems (where fitted) |  |
| Ensure tank top manhole gaskets are sound and that covers are tight |  |
| Ensure ballast suction cover plates are secure (ballast holds only) |  |
| Record details of pre-loading measures in the deck logbook |  |
| **Loading** | |
| Discuss dunnaging plan with stevedores |  |
| Ensure only sound cargo is loaded1 |  |
| Measure and record cargo temperatures regularly during loading |  |
| Reject any cargo with abnormally excessive temperatures |  |
| Monitor weather conditions carefully and close hatches at the fist sign of rain |  |
| Ensure equipment for measuring hold dew point temperature is available and working |  |
| *Additional for bagged cargo* | |
| Cover tank top with double dunnage or bamboo2 |  |
| Position dunnage or bamboo crosswise against frames, interwoven to provide a barrier |  |
| Cover dunnage/bamboo and all exposed steelwork with fibre matting or kraft liner |  |
| Prevent use of cargo hangling hooks by stevedores |  |
| Ensure bags are not loaded in the spaces between frames |  |
| Follow requirements of shippers/charterers regarding construction of ventilation channels3 |  |
| **On passage** | |
| Record hold dewpoints, external air dewpoint and sea temperature once per watch4 |  |
| Follow enclosed space safety procedures if necessary to enter holds |  |
| Continue, stop or resume ventilation in accordance with dewpoint or three degree rule |  |
| Record times when ventilation was commenced, stopped or resumed |  |
| Record details of necessary halting of ventilation due to heavy weather or precipitation |  |
| Record soundings of cargo hild bilges at least daily |  |
| Inspect in-hold steelwork for condensation (again following enclosed space procedures) |  |
| Record details if signs of cargo deterioration are observed |  |
| Ensure ventilation and bilge sounding records are retained in case of cargo claims |  |
| Notify club correspondent at discharge port prior to arrival if cargo deterioration occurs |  |