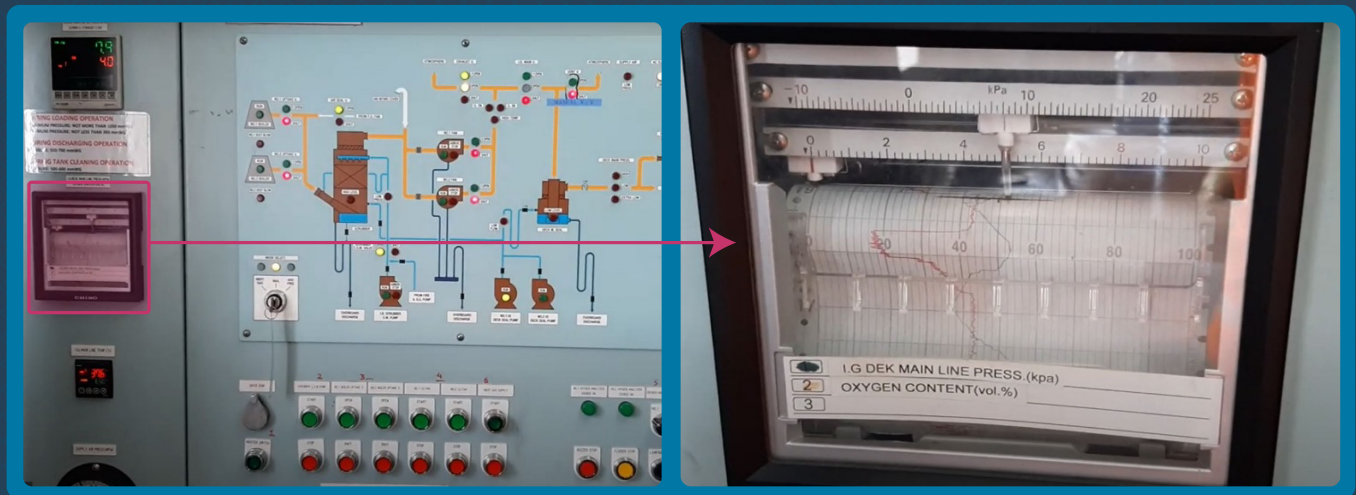




TIP OF THE MONTH – IG PRESSURE & OXYGEN RECORDER



- HELMET ELEMENT 8 'Cargo Operations' – Item 3 'Cargo Handling Gear'
- ISGOTT 11.1.5.2 'Inert Gas System Maintenance'
- VIQ – Section 8.26 – 'Inert Gas System'
- SIRE 2.0 Questionnaire – 8.6.7 'Gas (common to all vessels under IGC Code)'
- INTERTANKO Seafarer's Guide to Vetting Inspections - 8.49 'Cargo & Ballast Systems'

INCIDENT

During a real-time cargo audit, the oil tanker vessel was discharging cargo. When our Auditor asked the Chief Officer to provide records of the last IG system calibration, such records were not evidenced and after cross checking the system's oxygen and pressure readings in the Engine Room, a discrepancy was identified between the local IG indicator and the Repeater located in the Cargo Control Room.

WHY IS THIS IMPORTANT?

Accurate IG system's indications are vital for the safe and proper handling of vessel's cargo. Incorrect readings can cause operational delays or may lead to a serious incident onboard. Periodical calibration, record keeping and continuous monitoring of ship's equipment is crucial for the vessel to perform cargo operations without any complications.

SUGGESTIONS

- Perform periodical calibration of the IG instruments, especially prior to cargo operation.
- Keep records of the plant inspection, including any defects and the applicable immediate rectification process.
- Be ready to demonstrate during a PSC inspection that the IG plant is fully operational and in good working condition.
- Inform the ship operator in case of any identified malfunctions.
- Circulate a fleet wised safety bulletin promoting ship officer's awareness on IG plant inspection and proper maintenance.

