

*This is to certify that* AROCKIA JAYARAJ ANTHONY SWAMY

*Date of Birth* 19/ OCT /1987 *Nationality:* INDIAN

**Passport No.** Z 5579147 *Holder of C.D.C No.* MUM 139795

## Has successfully completed the

# CHEMICAL TANKER CARGO AND BALLAST HANDLING SIMULATOR COURSE

## (MANAGEMENT LEVEL)

**This course is developed in accordance with IMO Model Course 1.37 and is structured to meet internationally accepted requirements of Chapter I, Section A-I/12 (Parts 1, 2, and 3) and Chapter V, Table A-V/1-1-3 of the STCW Convention and Code, 1978, as amended in 2010". It incorporates key principles from relevant IMO guidelines and aligns with industry expectations, including SIRE 2.0 Part 1 – Section 3.3.3.**

- **To develop a better understanding of the basic operation of oil/chemical tanker.**
- **To handle the operations in a safe manner, using the simulator Preloading.**
- **Loading on the simulator with single and multiple cargoes Pre discharging.**
- **Behavioural Competency Assessment**
- **SIRE 2.0 familiarization.**
- **Emergency Procedures**
- **Discharging Cargo with I-G Plant in operation in the simulator Ballasting De-Ballasting.**
- **Other Tanker Operations, Inserting, Purging Washing**
- **Operations Cargo Calculations Pump theory and Operations.**
- **Tanker Hazards (Over-pressurization, Overfilling, Slack tankers, Stability issues) Gas measurement**
- **Simulator exercises for cargo operation**

*At NEW DELHI*

From: **28/09/2026** to: **30/09/2026**

**Director Oceans XV**
**(CAPT. SANJEEV DHANDA)**

**Lead Trainer**
**(CAPT. K. S. VIRDI)**

**Candidate signature**

**Certificate No.: GEM/ LCHS - CHEM/OXV/1645**

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