



This is to Certify That JIN KAI
Date of Birth 28 / OCT / 1991 Nationality: CHINESE
Passport No. EQ 2694605

Has successfully completed the
**LIQUEFIED NATURAL GAS TANKER CARGO AND BALLAST
WATER HANDLING SIMULATOR COURSE (LCHS – LNG)**

The course meets the requirements laid down in Regulation I/12, Sections A-I/12, B-I/12 and Table A-V/1-2-2 of the STCW Convention and Code as amended in 2010.
This course is in compliance with IMO Model Course 1.36 and with the SIGTTO LNG shipping suggested competence standards.
The course was conducted on DNV certified AVRIO LNG Simulator.

Following topics were covered during the LNG Management Level course:

1. LNG Carrier Design, Systems and Equipment
2. LNG Cargo Containment Systems
3. Cargo Handling Equipment
4. Operation of Cargo pumps and pumping arrangements
5. Monitoring of Cargo containment parameters
6. Emergency Shutdown Systems (ESDS)
7. Custody Transfer Systems (CTS)
8. Operation of Ballast Water Treatment System (BWTS)
9. Managing Emergencies
10. Simulator based practical exercises structured around the procedures and operation of the Cargo and Ballast installation of an LNG tanker.

From: 09.10.2025 To: 11.10.2025

Director Oceans XV
(CAPT. SANJEEV DHANDA)

Lead Trainer
(CAPT. LAKSHYA NARANG – AVRIO)

Candidate signature

Certificate No.: Integrated Maritime /LCHS-LNG/OXV/1408

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