



This is to Certify That ZHANG JINNIU  
Date of Birth 20 / OCT / 1975 Nationality: CHINESE  
Passport No. EB 1883455

**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.

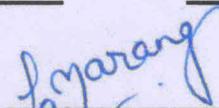
The course was conducted on DNV certified AVRIO LNG Simulator.

Following topics were covered during the LNG Management Level course:

- ❖ LNG Carrier Design, Systems and Equipment
- ❖ LNG Cargo Containment Systems
- ❖ Cargo Handling Equipment
- ❖ Operation of Cargo pumps and pumping arrangements
- ❖ Monitoring of Cargo containment parameters
- ❖ Emergency Shutdown Systems (ESDS)
- ❖ Custody Transfer Systems (CTS)
- ❖ Operation of Ballast Water Treatment System (BWTS)
- ❖ Managing Emergencies
- ❖ Simulator based practical exercises structured around the procedures and operation of the Cargo and Ballast installation of an LNG tanker.

From: 03.01.2026 To: 07.01.2026

  
Director Oceans XV  
(CAPT. SANJIV VERMA)

  
Lead Trainer  
(CAPT. LAKSHYA NARANG – AVRIO)

\_\_\_\_\_  
Candidate signature

**Certificate No.: Integrated Maritime /LCHS-LNG/OXV/1478**

**OCEANS XV NAUTICAL SERVICES PVT.LTD**  
F-322, Lado Sarai, New Delhi-110030, Tel.No: 011-46035710  
E-MAIL: [oceansxv@gmail.com](mailto:oceansxv@gmail.com), Website: [www.oceansxv.net](http://www.oceansxv.net)

