



Certificate No.

Registration No.

# CERTIFICATE OF COMPLETION

*(NMC Course no. 20)*

*This certificate is issued to*

*for having successfully completed the training in*

## ***Machinery Management Course for Junior Engineer***

*Summary of Contents:*

- *NYK's Checklist of "Engine Essentials"*
- *Piping Diagram*
- *M/E Local Operation*
- *Air Compressor*
- *Purifier*
- *Steam Turbine Generator*
- *Improvement in Steam System Performance*
- *Diesel Generator*
- *Main Engine*
- *Lub Oil Analysis & Fuel Oil Analysis*
- *Boiler Water Analysis*
- *Blackout Trouble*
- *Bunker Operation*
- *Save Bunker Navigation including improvement of energy efficiency with reference to SEEMP, EEDI, EEOI*
- *MARPOL*

**CAPT. ELISEO Z. CLEMENTE, JR.**

General Manager



NYK Maritime College