



# NEPTUNUS

The Engine Expert

OFFSHORE



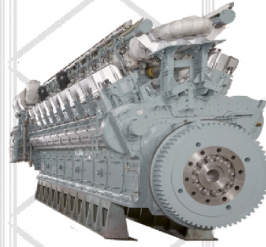
INDUSTRIAL



MARINE

**NIIGATA POWER SYSTEMS, JAPAN**

Authorized Sales and Service Distributor of Marine and Industrial Engines, Z-Peller and Gas Engines



**ENGINE SERVICES**

Rebuilding, Overhauling, Troubleshooting, Performance Monitoring, Boroscope Inspection, Cloud based Asset Data Management

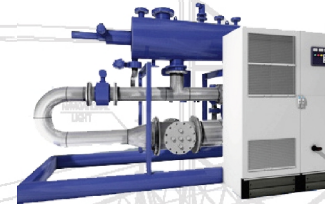
**ELECTRO MOTIVE DIESEL, USA**

Authorized Spares and Service Distributor, Complete support for 645 and 710 series engines



**AURAMARINE, FINLAND**

Authorized Sales and Service Distributor for Crystal Ballast Systems and Viscosity Booster Units



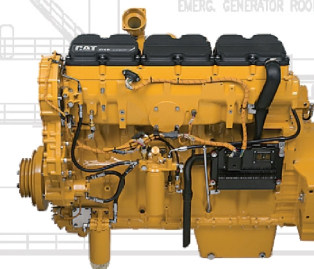
**ENGINE TRAINING CENTRE**

Working engines of EMD 645, CAT D399, CAT C-15, CAT C-32 and Detroit V-71 for training



**CATERPILLAR ENGINES**

Genuine Spares and Service provider with track record of 17 years, including electronic engines



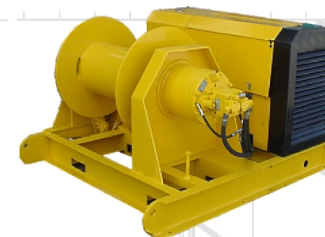
**NON-FERROUS METAL TRADING**

Largest exporter of Aluminium Bronze Alloys from India



**MINING AND OFFSHORE SERVICES**

Jacking Gears, Winches, Pumps, Compressors, Hydraulic Systems, High Pressure Water Units, Electronic PCB repairs, Equipment Trading and Maintenance and Repair Contracts



# ENGINE TRAINING CENTRE

Neptunus has invested in a unique Engine Training Centre, located in Navi Mumbai, India. Training Programs can be tailored to meet Customer needs.

## Who should attend

- ✓ Professionals from Marine, Drilling, Industrial sectors
- ✓ Rig Managers, Chief Engineers, Chief Mechanics, Maintenance Supervisors, Engineers and Motormen

## Courses Offered

- ✓ Familiarization Course (1 day), Basic Course (3 days) and Advanced Course (5 days)

## Engines for Practical Training

- ✓ Complete EMD 16-645, CAT D399, CAT C-15 (electronic), CAT C-32 (electronic) and Detroit 8V-71 engines installed in our facility.

### Course Content

- ♦ Introduction to Diesel Engines
- ♦ Engine Familiarization
- ♦ Surface Maintenance and Protection
- ♦ Accessory Drive Gear and Cover
- ♦ Main Bearings and Power Assembly
- ♦ Pistons and Liners
- ♦ Cylinder Heads
- ♦ Power Assembly Change out
- ♦ Camshafts and Valve timings
- ♦ Governors
- ♦ Engine Adjustments
- ♦ Lube Oil and Cooling Systems
- ♦ Air Intake Systems
- ♦ Turbo-chargers
- ♦ Troubleshooting

### Advantages

- ♦ Strengthened existing maintenance skills
- ♦ Addition of state of the art operational knowledge
- ♦ Correct responses to control system messages
- ♦ Improved problem solving capabilities
- ♦ Better understanding of servicing procedures
- ♦ Less reliance on outside service providers
- ♦ Motivated and more responsible crew
- ♦ Commitment to quality workmanship
- ♦ Boosted company loyalty
- ♦ Better utilisation of resources and personnel

## CREDENTIALS AND RESOURCES

- ♦ ISO 9001 certified by LRQA since 1999
- ♦ Government of India recognized 'Ship Repair Unit'
- ♦ 12000 sq. ft. fully equipped workshop in Navi Mumbai, India
- ♦ Offices and warehouses located in India and UAE
- ♦ Rated BBB (Long term) and A2 (Short term) by ICRA
- ♦ Over 50 service personnel with certifications to work offshore

## CONTACT US

### UAE

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RAK Free Trade Zone,  
RAK, UAE

### MUMBAI

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