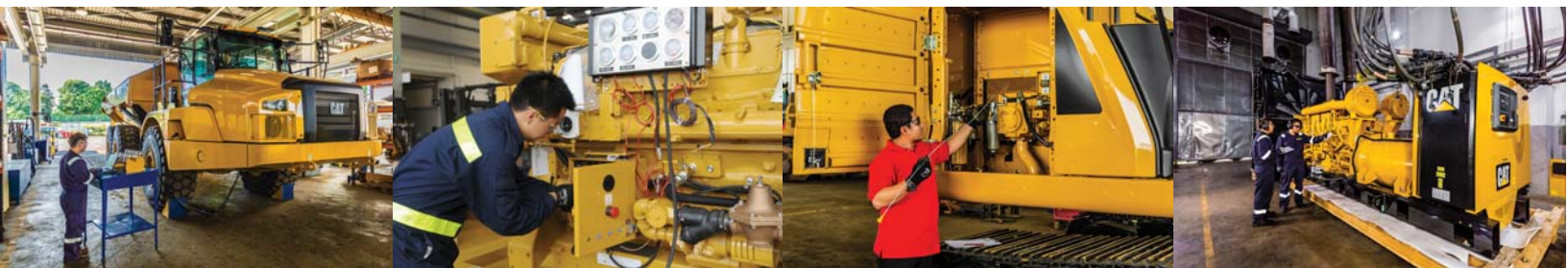


Heavy Machine and Engine Internship Certification Programme

Since 2000, Tractors Singapore Limited has been the authorized Cat[®] dealer in Maldives for world-renowned heavy machinery products by Caterpillar, a Fortune 500 Company. Cat machines and engines are widely recognized for their superior quality and reliability. Globally, the Caterpillar brand has become an icon, often worn as a badge symbolizing hard work, grit and a get-it-done attitude.

Across construction, mining, power generation, marine, oil and gas, forestry, landscaping, agriculture, paving, waste, and quarry, there is a Cat product that will help you do the work. #LetsDoTheWork.



Are You Industry-Ready?

However, have you ever wondered what keeps these equipment going on day and night without fail? YES, skilled technicians who have the same get-it-done attitude just like what the Cat brand stands for.

Under the **Heavy Machine and Engine Internship Certification Programme**, participants will go through a structured 15-weeks blended-learning training programme co-offered by Maldives Polytechnic and Tractors Singapore Limited. Participants will even have opportunities to work on actual equipment deployed on sites.

Participants will be industry-ready in the knowledge and skills of electronic engines and equipment digital connectivity on completion and receive a **certificate** awarded jointly by Maldives Polytechnic and Tractors Singapore Limited as testimony to their achievements.

More Information

Maldives Polytechnic
Rehendhee Higon,
Galolhu, 20364, Maldives
(960) 330 5404
info@polytechnic.edu.mv

Registration

Obtain registration forms from
Maldives Polytechnic Admin Office

Heavy Machine

Internship Certification Programme

Course Content

- Product Introduction
- Contamination Control
- Machine Safety Practices
- Diesel Engine
- Diesel Fuel Systems (NSFS & MUI)
- Diesel Fuel Systems (Electronic)
- Cooling Systems
- Intermediate Hydraulics
- Powertrain Fundamentals
- Brake Systems
- Axles and Final Drives
- Undercarriage
- Air Conditioning Systems
- Instruments & Warning Lights
- Cat ET Diagnostic & Troubleshooting
- Cat Connect
- Equipment Management

Equips participants with knowledge and skills in the areas of product and application, diagnostics and troubleshooting, performing maintenance and repairs for construction machinery.

Course Information

- Commence Date: January 2020
- Duration: 15 Weeks
- Pre-requisites: Advanced Certificate in Automobile
- Obtain registration forms from Maldives Polytechnic Admin Office



Engine (Power System)

Internship Certification Programme

Course Content

- Product Introduction
- Contamination Control
- Engine Safety Practices
- Diesel Engine
- Diesel Fuel Systems (NSFS & MUI)
- Diesel Fuel Systems (Electronic)
- Engine Cooling System
- Engine Alarm and Protection System
- Engine Instrument Panel
- Cat ET Diagnostic & Troubleshooting
- Engine Application & Installation
- Generators
- Electronic Modular Control Panel
- Cat Connect
- Equipment Management

Equips participants with knowledge and skills in the areas of product and application, diagnostics and troubleshooting, performing maintenance and repairs for diesel engines and generator sets.

Course Information

- Commence Date: January 2020
- Duration: 15 Weeks
- Pre-requisites: Advanced Certificate in Engine Repair and Maintenance
- Obtain registration forms from Maldives Polytechnic Admin Office

