

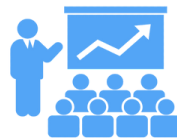
Hydraulic Power Units Fact Sheet

Course Overview

The course "Hydraulic Power Units" provides an in-depth understanding of hydraulic systems, components, and power unit design. Topics include hydraulic principles, pump selection, control valves, and system maintenance. Students will learn to design and troubleshoot hydraulic power units for various industrial applications.



client site training, depending on your personal preferences



learn from an expert trainer with years of experience

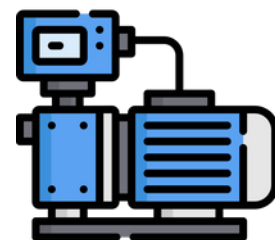


Budget Friendly learning

Who should enroll to this course?

Engineers, technicians, and professionals working in fields such as mechanical engineering, industrial maintenance, or equipment design would benefit from enrolling in the course Hydraulic Power Units.

Additionally, individuals seeking to expand their knowledge of hydraulic systems and power unit design would find the course relevant and valuable.



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What does this course Covers?

- The various classifications of pumps used in HPU's, including rotary, reciprocating and hand pumps
- The methods of preparation for installing pipes and tubing
- The primary considerations in the selection of lines for a particular fluid power system
- A review of pipe, tubing and hose used in hydraulic systems, including materials of construction
- The fabrication, testing, and identification of flexible hose assemblies
- How to determine the shelf life of hoses using cure date
- The various types of fittings and connectors used in hydraulic system piping
- Installation of flexible hose
- The different types of materials used in the construction of seals
- Hydraulic valves, including flow control, pressure control and directional control valves
- The selection, storage, and handling of sealing devices
- The functions of wipers and backup washers

- Course Code - 601
- Duration - 2 Day
- Knowledge level - Intermediate
- Category - Hydraulics and Mechanics
- Offline/ Client Site

Ready to get started?

Take the next step in mastering hydraulic power units! Enroll now to gain the skills and knowledge needed to design, operate, and maintain efficient hydraulic systems. Elevate your expertise and advance your career in mechanical engineering, industrial maintenance, and beyond.

Don't miss this opportunity to become an invaluable asset in the field of hydraulic power units!

About Us

Elite Offshore Pvt Ltd, established in 2015, is a leading provider of Offshore, Marine and Industrial Safety and Skill training and certification programs. With a commitment to safety, compliance, and excellence, we empower professionals worldwide with the knowledge and skills they need for success in their careers.

Ecademy was established in 2021, serves as our specialized division, providing customized E-Learning solutions designed to meet the specific needs of the industry. Through Ecademy, we offer the IADC-Accredited RigPass Online Course, alongside other valuable E-Learning programs like IMDG Code Courses, Basic First Aid, and more.