



METHAQ [®]

Effective & Efficient Maintenance

Industrial Hydraulic Diploma

Advanced Techniques for Professionals

SCAN ME



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Effective & Efficient Maintenance

لو بتشتغل في أي مجال صناعي ثقيل، يبقى لازم تكون فاهم
الهيدروليك

Industrial Hydraulic Diploma

مش مجرد كورس،

ده رحلة متكاملة لفهم أعمق عن الأنظمة الهيدروليكية.

تعالوا نتعرف على

Course Outlines

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1

Level (1)

Basic principles of Hydraulic Systems

- **Module 01:** Introduction to Hydraulic Systems.
- **Module 02:** Units and Dimensions.
- **Module 03:** Fixed Displacement Pumps.
- **Module 04:** Direct Operated Direction Control Valves.
- **Module 05:** Direct Operated Pressure Relief Valves.
- **Module 06:** Flow control valves.
- **Module 07:** Hydraulic Cylinders.

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Level (2)

Advanced Hydraulic Systems

- **Module 01:** Variable Displacement Pumps.
- **Module 02:** Hydraulic Motors.
- **Module 03:** Important Control Valves.
- **Module 04:** Hydraulic Accumulators.
- **Module 05:** Logic Element Control Valves.
- **Module 06:** Proportional and Servo Control Valves.

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Level (3)

Electro Hydraulic Control Systems

- **Module 01:** Introduction to Electricity.
- **Module 02:** Electric Circuit Components.
- **Module 03:** Automation Studio Program (AS).
- **Module 04:** Implement of Practical Applications of Electro Hydraulic.
- **Module 05:** Sequence of Operation for Electro Hydraulic Systems.
- **Module 06:** Programmable Logic Control (PLC).
- **Module 07:** Implement of Practical Applications of PLC's Using (AS).

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Level (4)

Maintenance And Fault Analysis Of Hydraulic Systems

- **Module 01:** The Concept of Logical Fault Finding For Hydraulic Systems.
- **Module 02:** Hydraulic Fluids.
- **Module 03:** Contamination Analysis.
- **Module 04:** Hydraulic Filters Technology.
- **Module 05:** Hydraulic Hoses.
- **Module 06:** Hydraulic Reservoir.
- **Module 07:** Oil seals.

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Level (5)

Design and Manufacturing Hydraulic Systems

- **Module 01:** The Main Information Required from Customer to Design.
- **Module 02:** Sequential Steps for Starting Design Hydraulic Systems.
- **Module 03:** Types of Some Hydraulic Circuit Diagrams.
- **Module 04:** Project Discussion.
- **Module 05:** Select the Component From Catalogues.
- **Module 06:** Documents of Power Units.
- **Module 07:** Certificates and Discussions.

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لو عايز تاخذ خطوات حقيقية وتفهم الهيدروليك الصناعي من الألف للياء،

انضم لينا في

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عايز تبدأ؟

إملئ الفورم وانضم لينا في الرحلة



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7