



TEKmation Training Institute FET College

Engineering Education and Skills Development

Private Further Education and Training College

Company Reg : 2011/002576/07

DHET Reg No : 2011/FE07/078

Basic Hydraulics

Course Content

1. Principles of energy or power transmission through fluids
2. Identify the principle components of a typical light industrial power pack
3. Filters and strainer requirements in hydraulic systems
4. Correct procedures of topping up or changing oil in the system
5. Renew pressure and return line filters, Replace Suction strainers
6. Perform general maintenance procedures
7. Read a basic circuit diagram for an industrial system
8. Working circuits to be demonstrated on Hydraulic Simulator
9. Correct design of hydraulic reservoirs

Duration

4 days 08h:00 to 15h:00 or

4 Saturday 08h:00 to 15h:00



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