



Durban South Training Centre

HYDRAULICS

Course Content

- Standards for equipment and circuit diagram representation
- Design and function of hydraulic power supply systems
- Physical principles
- Measurement of volumetric flow rate, pressure and temperature as an aid to troubleshooting
- Hardware technology and characteristic data for valves and actuators
- Reading and interpreting basic hydraulic circuit diagrams for direction, speed, pressure and position
- Basic principles of systematic troubleshooting

Learning Outcomes

- Ability to name the basic components and their symbols
- Explain the physical principles of hydraulics and use them for troubleshooting
- In a hydraulic system - knowledgeable on how the volumetric flow, pressure and temperature is measured
- What the values mean for an evaluation of the system
- Can design, assemble and test basic hydraulic circuits
- Can understand, read and interpret circuit diagrams
- Can interpret the characteristics data of valves and drive elements

This blended training includes:

Detailed course notes

Progress Activities to keep learning on track
Videos illustrating best practices & operational practices

Practical Coaching, demonstrations & operational exercises

Each Learner will Receive:

A Workbook including progress quizzes

A Pen

Grab your SEAT Now

Course Duration : 10 Days

Cost: R 3500 per week (Excl)

For bookings

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