

Hydraulic and Pneumatic Systems

15th – 18th August 2022

In Person / Online Training

Major Benefits of Attending

By end of this course, delegates will be able to: -

- **Read** and understand the schematic and circuit diagrams of any fluid power systems.
- **Understand** the function of each hydraulic or pneumatic components
- **Trouble-shoot** daily problems and positively share in RCA of chronic problems, and propose resolutions
- **Develop** and design simple fluid power systems

Course Methodology

Client has the option to choose to participate either below method.

Online Course : *This course will be conducted via Zoom.*

Marriot Group Hotel: *This course will be conducted at the hotel with the trainer on site. Participants will need to bring their own laptop. Lunch/Dinner and 2 networking breaks will also be provided.*

Why You Should Attend?

Hydraulic and pneumatic (Fluid Power) machines are the backbones of a range of industries including manufacturing, construction, mining, Oil & Gas, and power generation and even the modern robotic systems.

Without solid understanding of such systems, life will not be easy with even minor and hidden problems, which may lead to heavy production losses. Safety issues shouldn't be ignored with emergency pneumatic shutdown systems

Earth moving equipment are clear example of importance of fluid power systems. Also smooth and safe operation of modern heavy lifting equipment and cranes can't be overlooked.

Who Should Attend?

- Engineers, supervisor and technicians who involved in operation and maintenance of fluid power systems
- Engineers who are involved in reviewing design of new systems, and acceptance tests
- Reliability engineers who are involved in trouble-shooting and root cause failure analysis (RCFA)

Training Methodology

Hydraulic & Pneumatic (Fluid Power) Systems training course will combine presentations with instructor-guided interactive discussions between participants relating to their individual interests.

The presented slides are very attractive, including animations to enhance the clarity of topics.

Video material and case studies, aiming at stimulating these discussions and providing maximum benefit to the participants, will support the formal presentation sessions. Above all, the course leader will make extensive use of case studies of issues in which he has been personally involved.

Organized by:



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