

LCS

Logic Cartridge Seminar – 3 days

Maintenance technicians and hydraulic system designers learn how high flow logic cartridge valves and their control covers are used as directional control, flow control and pressure control hydraulic functions

What you will learn –

- Understand logic valve symbols for schematic reading purposes
- When and why logic cartridge valves should be applied in place of standard hydraulic components
- Logic valve control covers and typical control circuits for directional and pressure control functions
- Sizing criteria for logic valves
- Using logic valves to replicate standard and proportional hydraulic valves
- Logic valve catalog data
- Orifice selection for controlling opening and closing speeds of logic valves
- Logic valve poppet spring selection
- Introduction to servo logic valves and proportional flow control logic valves
- How to interpret schematics of hydraulic systems built with logic valves
- Setup of logic valve circuits – troubleshooting logic valve systems

If you are responsible for the maintenance of hydraulically powered and controlled press equipment or other high flow hydraulic machines you will benefit from information you receive from this 3 day training course. Hydraulic system designers will develop their application skills by learning how and when to apply logic cartridge valves.

Prerequisites: DCH or equivalent knowledge

Classroom lecture, discussions and design/sizing work problems