

HYDRAULIC TRAINING SEMINAR



Hyspecs offers hydraulic training seminar programmes for customers and interested parties.

The Hyspecs Hydraulic Seminar:

- Is a two-day programme covering hydraulic principles and concepts.
- Is based on an open forum format allowing open questions and discussions from participants to demonstrate theoretical concepts through real life examples.
- Involves system design and component selection for a winch circuit.
- Covers concepts with basic fault-finding and how pressure, emotions, and money can affect the symptoms of a system that is not working properly.
- Offers physical samples of common components failures along with discussion on why they failed.



Seminars are normally carried out in Hyspecs offices, but can be customised to suit client requirements. Custom seminars are also available to suit specific or specialist requirements.

The course will be as open as possible with participants being directly questioned and encouraged to actively participate as the course proceeds.





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What's covered?

- **Pumps**
 - Generic descriptions of gear,vane,and piston pumps
 - How they work?
 - Best applications for each type
 - Situations to be avoided with each type
 - Failure diagnostics for each type
 - Performance envelopes for each type
- **Motors**
 - Generic descriptions of gear,vane,and piston pumps
 - How they work?
 - Best applications for each type
 - Situations to be avoided with each type
 - Failure diagnostics for each type
 - Performance envelopes for each type
- **Valves**
 - Manual (monoblock, sectional and cetop)
 - Solenoid(monoblocksectionalandcetop)
 - Proportional (monoblock, sectional and cetop) o Servo valves
 - Correctapplicationofeachtype
 - Situations to avoid with each type
 - Diagnostics of each type
 - Performance envelopes for each type
- **Cartridge valves**
- **Filtration and cooling**
- **A winch circuit will be designed using data provided by the applicants, with all circuit components being listed.**
- **General product information**
- **Maintenance**
 - Diagnostics and fault finding
 - Methods of acquiring data to best diagnose a fault
 - Good maintenance procedures and practices
 - The importance of cleanliness
- **Questions and answers**

If you want to know more about the Hyspecs Hydraulic Stage One Seminar, either email us at hyspecs@hyspecs.co.nz or give us a call on 0800 497 732