



1-Day FUNDAMENTALS OF READING HYDRAULIC/PNEUMATIC SCHEMATICS

1. INTERNATIONAL STANDARDS ORGANIZATION (ISO) JURISDICTION

Comparison to:

- ANSI
- USASI
- JIC
- SAE
- DIN (metric)
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2. COMPARING HYDRAULIC AND PNEUMATIC GRAPHIC SYMBOLS

- Fluid functions
- Component identification
- Pressure indications
- Envelope indications
- Piping and plumbing identification
- Full circuit tracing (begin at the beginning)

3. IDENTIFYING PRESSURE SYMBOLS

- Negative pressure (vacuum)
- Working pressure
- Pilot pressure
- Drain pressure
- Return pressure

4. HOW TO IMMEDIATELY DIFFERENTIATE BETWEEN HYDRAULIC AND PNEUMATIC SYMBOLS

5. IMPORTANCE OF CORRECT SYMBOL USAGE WHEN DRAWING SCHEMATICS

6. VALUE OF READING SCHEMATICS WHEN TROUBLESHOOTING

DATE:

February 10, 2011

LOCATION:

7:00 – 3:30 pm

SRP

Foot Hills Facility
7211 South 16 Street
Phoenix, AZ

TUITION:

1-Day: 185.00

INCLUDES:

Class workbook,
Certificate of Completion,
How to Read Schematic CD

CONTACT:

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INSTRUCTOR BIO: George R. Lonner

George R. Lonner has degrees from Georgetown University and the University of Minnesota. He has taught at Gonzaga University, Whitworth College, Auburn University and Washington State University. He has over 40 years of field and in-plant fluid power experience, including 20 years with Parker Hannifin, where he was responsible for developing company activities in Africa, the Middle East, Latin America and the Caribbean. Since founding FPTA, LLC in 1980, Mr. Lonner has taught over 900 fluid power training programs worldwide. Mr. Lonner is a certified Fluid Power Instructor and Consultant.