



## TRAINING COURSE OUTLINE

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**COURSE SUBJECT:** 94K/87k High-Pressure Maintenance; FlowMaster and System Operation

**LENGTH OF COURSE:** Four (4) Days

### COURSE CONTENT:

#### System Maintenance

- Safety
- Maintenance Practices
  - Cleanliness
  - Tools
  - Documentation
- Inlet Water
- Intensifier Overview
  - Theory of Operation
  - Intensifier Water Circuit
- The Orifice
- H.P. Cylinder and Check Valve Service
- Hydraulics
  - Pumps
  - System Maintenance
  - Directional Control Valves
- Intensifier Low-Pressure Maintenance
  - Rebuild
- Troubleshooting
- Bleed Down Valve
  - Theory of Operation
  - Rebuild
- Small High-pressure Components
  - On/Off valve
  - Fittings
  - Tubing
  - Basic Machine Maintenance

#### Program and Operation

- FlowMaster Software
  - FlowPATH
  - Programming Exercises
- Abrasive Jet Technology
  - Abrasive Bulk Transfer
  - Metering Valve
  - Paser Performance Monitor
  - Mixing Chamber
  - Pierce Shield
- Abrasive Jet Setup
- FlowMaster
  - FlowCUT
  - FlowCUT Exercises
- System Set-up and Overview
- Machine Operation
- Optional/Advanced Software Familiarization
  - FlowNEST
  - FlowTRANSLATE
  - Raster to Vector
- Certification

All classes start at 8:00 am and conclude at 5:00 pm daily. We recommend that out of town students arrive the evening before the first day of class. For information on scheduling classes, hotels, or driving directions please contact Flow's Applications and Training Group at 812-285-4322 or [techtraining@flowcorp.com](mailto:techtraining@flowcorp.com)

