

JORDAIR COMPRESSORS INC. TRAINING PROGRAM

DAY ONE

LEVEL 1 THEORY AND BASIC MAINTENANCE

SYSTEM OVERVIEW

- Explain cylinder refill system basics.
- Explain compressor sizing and electrical requirements.
- Installation including: compressor location, ventilation, tubing, hook-up & start up procedures.
- Safety regulations.

COMPRESSOR & CONTROLS

- Explain airflow, compression process, pressure etc.
- Explain valve operation, purpose of interstage safeties, purpose of intercooler, operation of final stage floating piston, reason for clatter on start-up.
- Explain cooling, compression rotation.
- Explain oil change procedure. (High & low pressure models).
- Explain operation of final pressure switch, oil pressure switch, H.A.T. switch auto drain system & electrical controls.
- Standard maintenance.

PURIFICATION SYSTEM

- Explain purification process including final separator, check valve, filter chambers & pressure maintaining valve.
- Review safety circular & replacement of separators & filter towers.
- Explain proper service of separators & filter.
- Explain air test procedure.

AIR QUALITY MONITORS

- Explain moisture monitor system (Securus).
- Explain C.O. monitor.

STORAGE SYSTEMS

- ASME & DOT storage vessels
- Bulk storage vs. cascade storage.

FILLING STATIONS

- Explain use of regulator panels.
- Review different models of fragmentation fill stations.

WARRANTY CLAIMS & MANUALS

- Explain warranty forms.
- Supply compressor manual order sheets.
- Explain compressor serial number & meanings for identification of blocks.