

Johnson Controls Institute Course

Absorber Operations/Maintenance (#2104)

\$1,295/**\$1,145**
(2.0 CEU)

Familiarize the owner operators and technicians with the operation and controls associated with the YORK lithium bromide absorption chillers. This course covers absorption theory including P/T relationships and solution chemistry. The operation and operating procedures for both Isoflow (single stage) and Paraflow (two stage) systems are reviewed with an emphasis on preventive maintenance procedures. The course also covers the operation and set-up of the micro computer control center.

Prerequisite: None

DAY ONE

AM: Basic Refrigeration Principles
Units of Measure, Types of Heat
Absorption Principles
Solution Chemistry
PM: YIA Components and Cycle
Water Circuits

DAY TWO

AM: YPC Components
YPC Purge System
PM: Operating Information, Setpoints and Warnings
System and Safety Cycling Shutdowns
Data Logging
Operation and Maintenance

DAY THREE

AM: Crystalization
Unit Operation and Operational Limitations
Refrigerant Contamination
PM: Heating/Cooling Changeover
Preventive Maintenance Schedules

Course ends at 3:30 p.m.

