

IQ MKII Range Actuator Training Program - 2 Day Course

Course Objective

To introduce participants to the Rotork IQ Range actuator, its design and application to all types of valve. Particular attention is given to helping attendees to acquire skills in Maintenance, Fault Finding and Commissioning.

Persons Suitable to attend Training Courses

An ideal course for Electrical, Instrument and Mechanical Maintenance Technicians, Foremen, Supervisory Management and Engineers. Commissioning and Project Design Engineers.

This program covers the basic course content. Training will be tailored to suit individual customers actuator specification and all courses are backed up with comprehensive literature for all attendees.



Day 1

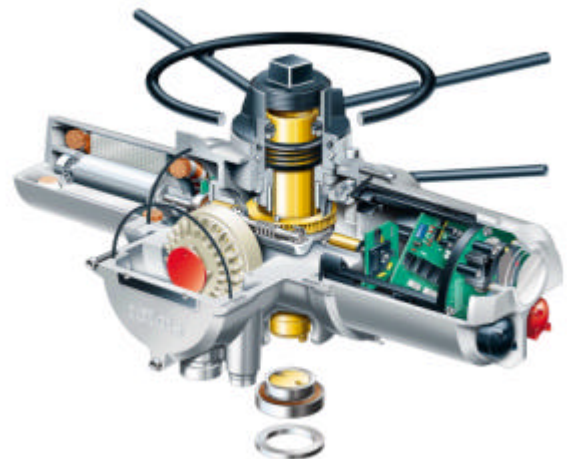
Basic Design Philosophy:

Sealing, flameproofing, electrical, electronic and mechanical specifications.

Actuator strip down:

An IQ20 unit is dismantled to show electrical, electronic and mechanical modular construction and interchangeability.

Actuator Re-build: Attendees to re build unit.



Day 2

IQ Range commissioning – using an actuated valve.

Basic Setting: - Password protection, Direction, Torque and Limit settings to suit all valve types. **Secondary Settings – Standard Features:** Setting of control and indication functions to suit remote control applications.

Secondary Settings – Optional Features: Setting of Folomatic, Pakscan field unit, Interrupter Timer and Current Position Transmitter as applicable to suit control applications.

IQ Diagnostics.

Help Screens: Use of standard Help Screens for diagnosis and fault finding.

IQ Insight: Introduction to the IQ Insight pc based software.

