

A Range Actuator Training Program - 2 Day Course

Course Objective

To introduce participants to the Rotork A 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

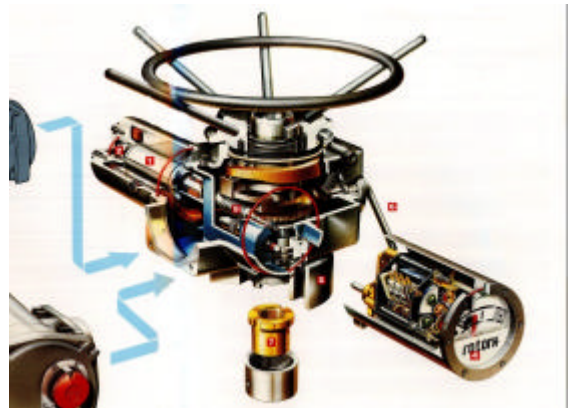
Basic Design Philosophy:

Sealing, flameproofing, electrical, electronic and mechanical specifications.

Actuator strip down:

7A and 14A units are dismantled to show electrical, electronic and mechanical modular construction and interchangeability.

Actuator Re-build: Attendees to re build units.



Day 2

A Range commissioning – using an actuated valve.

Setting the switch mechanism: - Position limits
Torque protection and end of travel action to suit all valve types.

Fitting and adjustment of the add on Pak 1: Analogue and Digital valve position indication, continuous local indication.

Adjustment of Control options: Folomatic proportional controller, Pakscan field unit, Interrupter Timer.
(as applicable).



Fault Finding and Diagnosis.

Actuator, valve and control system diagnosis of faults, mechanical and electrical.