

DESCRIPTION:	Electrical – Rotork Actuator – Inspection and Service	FREQUENCY:	
LOCATION:		STANDARD JOB No.:	

SCOPE
Complete inspection and service of Rotork Actuator.
REQUIREMENTS
Complete inspection and battery replacement as per manufacturers requirements.
Battery type as specified by OEM
Where possible observe equipment in running condition before isolating. Check for unusual noise, vibration, leaks.
Setup parameters shall NOT be changed without authorisation.
INTERMEDIATE SERVICE
Visually check for signs of external corrosion or damage
Check actuator enclosure for loose or missing fasteners
Check for any build up on actuator and clean
Check condition of local display
Visually check for signs of water ingress
Check condition of electrical cables and glands
Replace battery
Place label on battery indicating date changed
Note: If a battery alarm was displayed prior to battery replacement, it may take up to 10 mins until the next battery check indicates the battery is healthy
Complete function test where possible:
<ul style="list-style-type: none"> o Confirm valve position is the same as the reading in the Control Room o Request control room to bump valve position (e.g. +5% of set point and -5% of set point) o Operate in local manual mode if possible, stroke if possible, check that actuator and valve travel smoothly o Operate in remote mode if possible, stroke if possible, check that the actuator and valve travel smoothly o Confirm operation of limit switches, confirm control room indication o Confirm remote mode has returned control to control room
Where function test is not possible due to operational restrictions, complete appropriate proof test as per manufacturers requirements