



Actuator Test Report: Note: Actuators & accessories are cycled a minimum of 3 times.

Valve Tag Number	10395189	Comments		
Valve Type	150mm AHF Series 88	Modulating duty, Fail Last on loss of air or power. Fitted with DA pneumatic actuator with positioner and manual declutch override gearbox. Pilot operated poppet valves installed inline between the positioner and actuator, to allow the actuator to release the air pressure when the gearbox manual override lever is used. Gearbox fitted with proximity sensor to detect if the declutch lever is in the Auto position.		
Positioner	I-Tork SS5R-WN2LH5R			
Filter Regulator 1/4" BSPT	I-Tork FR-20R20M			
Pilot/Poppet valve x 2	MAC 1117B-114			
Actuator Model	i-Tork PD-70 DA			
SS316 Tubing/fittings	6mm x 1/4" BSPT			
Gearbox Type	Declutch ITG-060			
Proximity sensor x 1	NEB6-12GM50-E0			
Fail to Position	Loss of Air	Loss of Power	Test	
	Last	Last	OK	
Gearbox Operation	De-clutch Mechanism	Air exhaust/shutoff valve operation	Open and Close Operation	
	OK	OK	OK	
Open/Close Cycle Time	90° Open 2 seconds	90° Close 2 seconds	Operation OK	
Positioner	4-20mA	Hart Communications	Operation	
	OK	OK	OK	
Poppet valves N/C	Air signal	Loss of air signal	Air Connection	
	Open	Close and vent actuator	1/4" BSPT	
Actuator Function	Open Cycle	Close Cycle		
	OK	OK		
Valve final test	Valve Closes Completely	Yes		
	Valve Opens Completely	Yes		
	Air Leaks	NIL		
	General Operation	All Passed		
Certified OK:	Name: <u> S.Mclauchlan </u> Signature: <u> <i>S. Mclauchlan</i> </u> Date: <u> 08/02/2019 </u>			