

Part 1A
 Subject: Hydraulic/ Pneumatic Systems
 Product: Actuator

Producer/Licence No.	Description of Product				Cert. No.
	Type	Details of Approval	Application	Remarks	
Valve Automation Emerson Process Management 19200 NW Freeway Houston, Texas – 77065 USA	H,HD,SH & SHD series	Quarter turn, scotch yoke, pneumatic & hydraulic actuators- double acting or spring return Moment Arm (inches): 2 or 3 Operating pressure (psi) Pneumatic Actuators 40 to 250 Hydraulic Actuators 500 to 3000 Torque- double acting (lb.in) Pneumatic Actuators 1600 to 51000 Hydraulic Actuators 1750 to 51000 Torque- spring return (lb.in) Pneumatic Actuators 920 to 17040 Hydraulic Actuators 920 to 14150	Fixed or mobile offshore use. To drive quarter turn valves to open or closed position using air or hydraulic pressure in both directions (double acting) or air or hydraulic pressure in one direction (spring return)	Expires: 5 Feb 2023 Refer to certificate for conditions of approval.	93/60110(E6)