

# TECHNICAL SPECIFICATION

## Plant Requirement Specification

### Electric Valve Actuator

00 Document Reg. No. / Page No.

01 Plant	System	In-Plant Identification	
02 Safety Class (SC)	Functional Class	Location	
03 Status	Prepared	Reviewed	Approved

### Requirement Specification

20 Type of actuator			
21 Valve Specification reference			
22 Mech. connection to valve	Valve spindle diameter	mm	Maximum permitted torque for valve
			Nm
23 Valve spindle, turns for full stroke	Stroke	mm	Mechanical position indicator
			<input type="checkbox"/>
24 Required max/min/normal opening time	Required max/min/normal closing time		
/ / s	/ / s		
25 Required torque opening/closing			
Start:	/ Nm	Operation:	/ Nm
		Backseating:	/ Nm
26 Position switches		Torque switches	
<input type="checkbox"/> Open <input type="checkbox"/> Closed <input type="checkbox"/> Intermediate			
27 Stopped in open position by		Stopped in closed position by	
<input type="checkbox"/> Travel limit switch <input type="checkbox"/> Torque switch		<input type="checkbox"/> Travel limit switch <input type="checkbox"/> Torque switch	
28 Continuous indication		Continuous indication interface	
<input type="checkbox"/>			
29 Power supply - Motor	Aux. power supply - Switches		
30 Degree of protection - motor	Degree of protection – terminal box		
31 Remarks			

### Service Conditions

51 <b>Normal operation</b>	52 <b>Extreme operation</b>	53 <b>Accident Conditions</b>
Additional	Additional	Accident Transients
54 Remarks		

### General Technical and Quality Requirements

71 Technical and Quality Requirements			
TBE 100:1	KBE 100-1	TBE 108	
72 Environmental Specifications		Additional Environment severities	
TBE 101, Severity			
73 Additional Requirements			
74 Safety Class (SC)	Functional Class	General Inspection Plan	Final Inspection plan
		KBE IP -108	
75 Remarks			

### Surface treatment, Painting system

91 Surface treatment	Painting system
----------------------	-----------------