

1	2	3	4				5	6	7	8			
1		PROCESS DATA RELEVANT FOR CONTROL SELECTION	Location				57	MFR _____ Model _____					
2			Service				58	Pneumatic <input type="checkbox"/> diaphragm <input type="checkbox"/> piston <input type="checkbox"/>					
3			Haz. area class		IP Code	SIL	59	Style <input type="checkbox"/> sprg opposed <input type="checkbox"/> double act. <input type="checkbox"/> air spring					
4			Ambient temp.		min.	max.	60	Size _____ eff area _____ cm ²					
5			Allowable sound pressure level _____ dB(A)				61	Travel/angle _____					
6			Upstream pipe	NPS	SCH	t(mm)	62	Supply press. min _____ max _____ bar g					
7			Downstream pipe	NPS	SCH	t(mm)	63	Bench range _____ bar g					
8			Pipe class	Material			64	Stroking time min _____ max _____ s frequency /min					
9			Pipe insulation	<input type="checkbox"/> thermal	<input type="checkbox"/> acoustic		65	Air connection _____					
10			Design Press	bar	Design Temp.	°C	66	Other actuator <input type="checkbox"/> electr. <input type="checkbox"/> hydraulic <input type="checkbox"/> manual					
11			Pipe connection upstr.		downst.		67	Act. force/torque min _____ max _____ unit					
12			Process Fluid				68	manual override <input type="checkbox"/> no <input type="checkbox"/> mechanic <input type="checkbox"/> hydraulic					
13			Upstream cond.	<input type="checkbox"/> Liquid	<input type="checkbox"/> Steam	<input type="checkbox"/> Gas	<input type="checkbox"/> 2ph.	69	limit stops <input type="checkbox"/> closed <input type="checkbox"/> % travel <input type="checkbox"/> open				
14			Special fluid properties:				70	MFR _____ Model _____					
15		Flow rate	Min.	Norm.	Max.	Unit	71	Input signal <input type="checkbox"/> pneumatic <input type="checkbox"/> electric <input type="checkbox"/> digital-> 111					
16							72	Valve opens at _____					
17		Inlet press.	P1				73	Valve closed at _____					
18		Outlet press.	P2				74	Style <input type="checkbox"/> single act. <input type="checkbox"/> double act.					
19		Temperature	T1				75	Characteristic <input type="checkbox"/> linear <input type="checkbox"/> eq% <input type="checkbox"/> modified					
20		Inlet density	p1 or M				76	Air connection _____ Electr. connect. _____					
21		Vapour pressure	Pv				77	Accessories <input type="checkbox"/> bypass <input type="checkbox"/> gauges					
22		Critical pressure	Pc				78	Reduction of haz. <input type="checkbox"/> intr. safe <input type="checkbox"/> flamepr. enclosure					
23		Viscosity					79	Digital comm. <input type="checkbox"/> HART <input type="checkbox"/> FF <input type="checkbox"/> Profibus <input type="checkbox"/>					
24		Specific heat ratio (k=cp/cv)	γ			1	80	MFR _____ Model _____					
25		Compressibility factor	Z1	Zn			81	Switch type <input type="checkbox"/> mech. <input type="checkbox"/> proximity <input type="checkbox"/>					
26		Gas/vapour mass fract.				%	82	Switching pos. <input type="checkbox"/> closed <input type="checkbox"/> % travel <input type="checkbox"/> open					
27		Shutoff press.	P1	P2		Unit	83	Switch acting <input type="checkbox"/> make <input type="checkbox"/> break					
28		Air supply	min.	max.		Unit	84	Reduction of haz. <input type="checkbox"/> intr. safe <input type="checkbox"/> flamepr. enclosure					
29		Power/Signal fail pos.	<input type="checkbox"/> open	<input type="checkbox"/> close	<input type="checkbox"/> remain		85	Assembly <input type="checkbox"/> external <input type="checkbox"/> built-in					
30							86	MFR _____ Model _____					
31	Kv / SPL	Calc. Kv					87	Valve type <input type="checkbox"/> 2-way <input type="checkbox"/> 3-way <input type="checkbox"/> 4-way					
32		Valve X ^T				---	88	De-energ.: control valve <input type="checkbox"/> open <input type="checkbox"/> closed <input type="checkbox"/> hold					
33		Valve F _L				---	89	<input type="checkbox"/> digital operated ->111					
34		Predicted SPL					dB(A)	90	Air connection _____ Port size _____				
35	VALVE BODY ASSEMBLY	MFR	Model				91	Electrical data _____ V _____ Hz _____ W					
36		Body type	<input type="checkbox"/> globe (straight)	<input type="checkbox"/> angle	<input type="checkbox"/> 3-way		92	Reduction of haz. <input type="checkbox"/> intr.safe <input type="checkbox"/> flamepr. enclosure					
37		Flow direction	<input type="checkbox"/> FTO	<input type="checkbox"/> FTC	<input type="checkbox"/> manuf.std.		93						
38		Pressure rating					94	<input type="checkbox"/> Air set MFR. _____ Model _____					
39		Nominal size					95	<input type="checkbox"/> with filter _____ <input type="checkbox"/> with gauge _____					
40		End Conn.	<input type="checkbox"/> fig.d.	<input type="checkbox"/> flangess.	<input type="checkbox"/> welded	<input type="checkbox"/> thrd.		96	<input type="checkbox"/> I/P converter MFR. _____ Model _____				
41							97	Input signal _____ Output signal _____					
42		Extended connection					98	<input type="checkbox"/> Booster MFR. _____ Model _____					
43		Bonnet type	<input type="checkbox"/> standard	<input type="checkbox"/> extended	<input type="checkbox"/> bellows		99	<input type="checkbox"/> Pos. feedback <input type="checkbox"/> electr. <input type="checkbox"/> pneum. <input type="checkbox"/> digital					
44							100	<input type="checkbox"/> Lockup relais MFR _____ Model _____					
45		Body/bonnet material					101	<input type="checkbox"/> Air trip valve MFR. _____ Model _____					
46		Trim	<input type="checkbox"/> standard	<input type="checkbox"/> low noise	<input type="checkbox"/> multistage		102	Air tubing _____ Matl. _____					
47		Charakteristic	<input type="checkbox"/> linear	<input type="checkbox"/> eq. percent	<input type="checkbox"/>		103	Air fittings _____ Matl. _____					
48		Plug(disc) mat.				stem mat.		104	Test certificate(s) <input type="checkbox"/> chem. and mech. test				
49	Guide(cage) mat.				seat mat.		105	NDE Examination _____ <input type="checkbox"/> surface <input type="checkbox"/> volume					
50						106	Acceptance Criteria _____						
51	Seat style	<input type="checkbox"/> metallic	<input type="checkbox"/> soft seated			107	Parts to be tested <input type="checkbox"/> body/ bonet						
52	Trim coating					108	<input type="checkbox"/> bolts / nuts <input type="checkbox"/> trim						
53	Breakaway force/torque	max. allowed				109							
54	Leakage specification IEC 60534-4 Class:					110							
55	Packing	<input type="checkbox"/> adjustable	<input type="checkbox"/> self adj.	mat.		111	Dig. Communication: _____						
56	Steam jacket:	<input type="checkbox"/> no	<input type="checkbox"/> yes; PN	mat.		112	Software drivers: _____						

Remarks:

					Project		Dwg. ref No.
					Plant		Mt. req. No.
Rev.	Date	Name	Date	Name	P.O. No.		Item No. Qty