

## ■ Technical appendix ■ Qualification

Approvals	
Name of testing firm or organisation	Specification
TÜV Cert	DIN EN ISO 9001:1994
TÜV Nederland	DIN EN ISO 9001:1994
RW-TÜV, Essen	CE 0044
RW-TÜV, Essen	AD-HP 0
RW-TÜV, Essen	TRB801 Nr. 45
FRAMATOME/Siemens	QSP 4a
FRAMATOME/Siemens	KTA 1401
FRAMATOME/Siemens	AVS 100/50
RW-TÜV, Essen, Bauteilkz. MLV's	TÜ-30-96
RW-TÜV, Essen, Bauteilkz. HD 91	TÜ.A.269-97
RW-TÜV, Essen, Bauteilkz. HD 92	TÜVA.195-99
TÜV Hannover, Eignungsprüfung	T08-85-03
TÜV Rheinland	TA-Luft
CEZ, a.s., Prague	214/97
STOOMWEZEN	M0809
PAKS NUCLEAR POWER PLANT	KM 53/2001
Technische Prüfanstalt Piestany, Slowakei	STN
EDF Pole Industrie	EDF
URZAD DOZORU	UDT Nr. EC-167/1-02
Oil and Gas Institut Pole	10 GP/93
Kuwait Oil Company	VEC/VA/GT/15/016/97
Shell Nederland	Service Group 77DAAB
Shell Nederland	Service Group 77DPBA

And the complete documentation provided by PERSTA quality control department is laid out with a view to ensure that they meet the requirements which are set out in the approvals and satisfy the user demands for maximum operational safety. PERSTA valves are designed, produced and tested in line with the latest technology, PERSTA performs the following tests:

- Acceptance of subsupplier
- Acceptance of incoming raw materials
- Inspection of finished components and bought-in parts in production, to ensure that they are designed in accordance with the drawings
- Destructive and non-destructive testing
- Strength and tightness tests
- Function tests

Process tests with the corresponding welder qualification to AD; TRD; EN 288-3; EN 24063							
Material group ** acc. to AD - HP 0	Materials e. g.	EN	Process				
			111 E	12 UP	135 MAG	141 WIG	76 EB *
1	1.0460	1.0460	X	X	X	X	X
1	1.5415	1.5415	X	X	X	X	X
3	1.6368	1.6368	X	X	X	X	X
4,1	1.7335	1.7335	X	X	X	X	X
4,1	1.7380	1.7383	X	X	X	X	X
4,2	1.4903	1.4903	X	X	X	X	X
5,1	1.4903	1.4903	X	X	X	X	X
6	1.4571	1.4571	X	X	X	X	X

\*) special electron-beam welding process

\*\*) and combinations of these material groups