

"Control" Valve List for the Uranium Contaminated Waste Oil Plasma Gasification Demonstration Facility for Gas Supply System

Doc. No.	ENS-OWPVR-LST-24008		
Rev. No.	3		
Page	15	of	18

5. List of Control Valves

#	1		2		3	4	5	6	7		8		9		10	11				12					13	14	15	
	Valve Tag No.	Valve Type	Control Instrument	Control Valve Specification Sheet	P&ID Number	Location (Line No. or Equipment No.)	Fluid	Fluid State	Design Conditions		Operating Conditions		SSC Safety Class		Failure Position	Process Connection				Materials of Construction					Shared valve (Y/N) (Note 2)	Valve Certification	Comment	
									Temp. [°C]	Press. [kPa(g)]	Temp. [°C]	Press. [kPa(g)]	Nuclear (N)	Chemical (C)		Size	Type	Flange Spec.	Flange Rating	Body	Trim or Bellows	Packing or Seal	Seat	Plug, Ball or Disc				Bonnet or Cap
SUBSYSTEM 1600 - GAS SUPPLY SYSTEM {P&ID [10]}																												
2	PCV1601D	Pressure regulator	N/A	ENS-OWPVR-SPE-25033	ENS-OWPVR-PID-24003 (Sheet 1 of 3)	15-16-GAVP-007	Argon	Gas	38	24820	Ambient	20000/600	Non-classified	SC-2	N/A	15	THRD (Female)	ASME B1.20.1	CLASS 1500	SS (A351-CF3M/A351-CF8M)	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	N	-	-
3	PCV1601F	Pressure regulator	N/A	ENS-OWPVR-SPE-25034	ENS-OWPVR-PID-24003 (Sheet 1 of 3)	15-16-GAVP-011	Argon	Gas	38	24820	Ambient	600/400	Non-classified	SC-3	N/A	15	THRD (Female)	ASME B1.20.1	CLASS 1500	SS (A351-CF3M/A351-CF8M)	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	N	-	-
4	PCV1602D	Pressure regulator	N/A	ENS-OWPVR-SPE-25032	ENS-OWPVR-PID-24003 (Sheet 1 of 3)	25-16-GSVP-005	Oxygen	Gas	38	24820	Ambient	600/400	Non-classified	SC-2	N/A	15	THRD (Female)	ASME B1.20.1	CLASS 1500	SS (A351-CF3M/A351-CF8M)	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	SUPPLIER TO ADVISE	N	ATEX RATED	Valve to be cleaned for Oxygen service.