

Date: April 20, 2004

Subj: **SR Vacuum Chamber Bakeout System
Control valve for bakeout polishing cart**

Spare status: **Stored in EAA West Mezzanine in Cabinet #76**

Further details:

- Originally installed valve: Worcester WC.5CPT4466TSW-A30
WC = Worcester Controls
.5 = 1/2"
SW = socket weld ends
A30 = 30° V-port
[\(model no. data\)](#)
- Replacement valve: Worcester WC.5CPT446TSE-A30
SE = FNPT threaded (screwed) ends
[\(model no. data\)](#)
- Original actuator: Worcester 1275-5W w/ AF-17 positioner board
(4-20mA input; 120VAC power)
[\(actuator manual\)](#)
[\(positioner manual\)](#)
- Replacement spare: Worcester 1275-5W w/ DFP 17-4 positioner board
(4-20mA input; 120VAC power)
[\(actuator manual\)](#)
[\(positioner manual\)](#)
- Note: these valves look similar to 1" diam. valves for SR vacuum chamber cooling skids (chilled water lines). Be aware that valve and actuator are different sizes for this application.



Fig. 1: Storage Cabinets 76 & 77 in West Mezzanine of EAA



Fig. 2: Spare control valve.