

Valve Work during Paper Mill Outage: White Paper

Situation: One of the largest paper manufacturers in North America needed to complete annual valve preventive maintenance at one of its mills within a 3-day “cold” mill-wide outage.

Overview of the Paper Mill:

- located in northern New England;
- historic plant has been operating almost 50 years;
- produces coated groundwood and coated freesheet papers for offset and rotogravure printing on three coated machines;
- also produces forms and specialty grades and has a market pulp dryer.

Solution: Millennium Power Services was the critical path contractor with the largest scope of work that needed to be completed within a narrow, 3-day timeframe. If MPS could not accomplish the goals, the mill would not be able to start back up.

Working 2, 12-hour shifts, 36 MPS technicians opened, inspected, and repaired 20 line valves, 35 safety valves, and 4 control valves. Because a number of large jobs were underway simultaneously, several MPS supervisors worked together and reported to one MPS site manager.

With an MPS location only 50 miles from the mill, we were able to utilize our in-shop capabilities. In addition, MPS mobile units were on-site at the mill to perform numerous tasks.

Results: Throughout the project, the scope of the original requirements increased 25-35%. MPS was able to take on this additional work. Because of this, the customer did not have to try and locate another available contractor, provide additional site training and mobilization, etc. This saved the customer both time and money.

MPS completed the project within the timeframe, and the mill was started-up on time. On a contractor evaluation, MPS received 94 out of a possible 95 points.

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