

CLIENT

CONFIDENTIAL

LOCATION:

New York

PROJECT START:
2008

PROJECT COMPLETE:
2008

SCOPE OF WORK

Commissioning of a Compressed Air Point of Use.

PROJECT DESCRIPTION

A&J successfully commissioned the following two Compressed Air Point of Use Modification Projects as described below:



Commissioning of Piping & Compressed Air:

The modification to the existing piping included the following:

- A new branch was added to the existing high pressure compressed air piping covering the south side of chill room and extending to middle of west side.
- Installed PRV to maintain the manifold at 5 to 7 psig.
- ON/OFF type control valve to close the system pressure goes beyond the Added a pressure transmitter to sense the manifold pressure and send the signal to chart recorder for recording.
- Installed an 5 to 7 psig limits.
- Provided eight (8) points of use stations with pressure gauges to indicate pressure of the individual drum.
- Provided a pressure safety valve to protect the system against over pressurization

Commissioning of Compressed Air POU:

The objective of the Syringe Suite Modifications for Drum Relocation and Automatic Syringe Tub Transfer Isolation Unit – Compressed Air Point of Use project was to modify existing compressed air system as follows:

- Replace existing swagelock fittings, tubing, and ordinary pressure gauge and ball valve with an Orbital welded pipe and Tri-Clamp connections.
- Install one 0-100 psig Sanitary Pressure Gauge and Tri-Clamp connections.
- Install Sanitary Diaphragm 316L stainless steel valve with Tri-Clamp connections. System will be hand passivated in field and service tested to with compressed air supply pressure of 70-90 psig.