

**CLIENT**

**CONFIDENTIAL**

**LOCATION:**

New York



Clean Steam Generator

Autoclave and Clean Stem Generator

Process Chiller

**CONSTRUCTION VALUE:**  
\$300,000

**DESIGN START:**  
2004

**DESIGN COMPLETE:**  
2004

**CONSTRUCTION COMPLETE:**  
2004

**SCOPE OF WORK**

Design MEP for New CSG and Existing Autoclave

**PROJECT DESCRIPTION**

A&J was prime consultant to design the new Clean Steam Generator installation and upgrade the existing Autoclave to conform European Pharmacopoeia (EP) standards for steam dryness, condensable gases and Superheat requirements.

A&J coordinated with STERIS for the design and installation of the new clean steam generator and the upgrade of the existing Autoclave to meet EP standards. A&J designed all the utilities piping such as city water, instrument air, DI Water, Steam, Condensate and process chilled water. A new 5-ton process chiller was installed on the Roof to provide process cooling and a new steel dunnage was designed to support the new roof mounted Process Chiller. The system was installed and validated successfully.