



Commissioning & Qualification



Building Commissioning



Asset Management & Reliability



Quality, Compliance, & Regulatory



Human Performance



Process & Manufacturing Technology



Program & Project Management



Automation & Information Technology



The Chemistry of Full-Scale Operations<sup>TM</sup>



Data Centers

## WHEN YOU NEED TO MEET A HIGHER STANDARD™

# **PROJECT OVERVIEW**

CAI had already been working extensively with a blood products manufacturer to commission and qualify their facility and equipment when CAI identified the need for role definition and training development within the utilities and maintenance groups.

### **SERVICES PROVIDED**

- CAI analyzed the different job roles within the utilities and maintenance groups to identify the Knowledge, Skills, and Abilities (KSAs) required for an operator to competently perform his or her job.
- •Training plans were developed using the identified KSAs.
- On the job training guides were developed as a way for trainees to prove competence in required knowledge and skills.
- On the job training focused on general knowledge of the system or equipment, the ability to perform the tasks in the prescribed manner, and the ability to recognize defect and suggest corrective actions.

#### **BUSINESS NEEDS**

- Fewer operator errors
- Higher equipment uptime

## **EMPLOYEE NEEDS**

- Clear, concise training manuals
- Specific training tracks tailored to job roles

## **VALUE DELIVERED**

CAI had knowledge of the equipment and systems from involvement during construction and start-up. This enabled CAI's human performance team to create training plans and content that served both business and employee needs.

