

Efficiently and Effectively Derouging Stainless-Steel Process Systems

Introducing a Large Pharmaceutical Company to [CIP 200® Acid-Based Process and Research Cleaner](#)

Challenges

Pharmaceutical company paid a derouging contractor to remove corrosion from stainless steel



Derouging agent was a difficult-to-find proprietary formula



Derouging chemicals were effective removing rust from stainless steel, but didn't clean or passivate



Solutions

Cleaned stainless steel water systems and removed built-up corrosion with commercial stainless steel cleaner



Recirculated a 5% concentration of [CIP 200](#) derouging solution through piping made of electropolished 316L stainless steel using a 600-liter portable vessel with a centrifugal pump



Recirculated a 5% concentration of [CIP 200](#) derouging solution through the process piping and the dedicated spray devices of 300-19,000 L vessels with electropolished 316L stainless steel



Results

Saved time and money with an easily accessible detergent using equipment already on site



Produced visually clean and derouged stainless steel surfaces



Company incorporates CIP cleaner for routine stainless steel maintenance

