

Customer: Chemical Plants

Supervisor: M.Sc. Eng. Jacek Bryś - Chester Molecular

PROBLEM DESCRIPTION: Body impeller and cover of the vacuum pump are worn out. The pump was working in the phosphoric acid department.

DESCRIPTION OF THE REPAIR: After cleaning the worn surfaces by sandblasting, they were degreased with **Chester Fast Cleaner F-7**, larger defects were filled with **Chester Metal Ceramic T**, and then the entire surface was covered with **Chester Metal Ceramic F**.

ACHIEVED EFFECTS: Thanks to the use of Chester Molecular materials and technology, the working surfaces of the pump are protected against corrosion and are more resistant to wear. Currently, the pump works without failure.

