

Customer: Nitrogen fertilizer factory

Made by: Henryk Lenartowicz - Chester Molecular - Radom

PROBLEM DESCRIPTION: The ϕ 800 mm flap valve has been pierced due to the very high velocities of the flowing medium (water supplied to the cooling towers) in the cylindrical part.

DESCRIPTION OF THE REPAIR: The valve body was sandblasted around the damaged area, both from the outside and inside. Degreased with **Chester Fast Cleaner F-7**. Hole the body was filled with **Chester Metal Ceramic T** and the inner surface was additionally protected with **Chester Metal Ceramic F**.

ACHIEVED AFFECTS: The cost of repair was only 1% of the purchase value of a new part.

