chester molecular ®
05-092 Łomianki ul. Krzywa 20B Poland
tel./fax. +48 (22) 751 28 06/07 www.chester.com.pl

TECHNICAL INFORMATION SHEET

TECHNOLOGY
&
SERVICE

No. 154

USER: Power Plant

DESCRIPTION OF THE PROBLEM: Damages occur on the surfaces of the tops of ∅ 230 x 250 as a result of the corrosion (in spite of securing the access of water by means of sealing). The tops determine and regulate the position of the flap of the water throttling valve, DN 1600.

DESCRIPTION OF THE REPAIR: In order to achieve an equal diameter of the top, there was removed (rolled) a layer of the metal of the thickness of 1.5 mm. In order to achieve good adhesive parameters of the regeneration layer, the basic thread was cut. The surfaces were defattened with ***Chester Cleaner***. ***Chester Metal Super*** was put with an overlay above the nominal diameter during the rotation movement of the tops installed in the turnery. After ***Chester Metal Super*** was hardened, there was performed the machining by means of turning, achieving a sufficient smoothness of the surfaces.

ACHIEVED EFFECTS: The repair time was shortened. The application of ***Chester Metal Super*** eliminated the application of welding methods in the regeneration of this type of tops.

REMARKS: The above described technology with the application of Chester Molecular materials became valid and typical for this type of elements of fittings in the Power Plant.