

Ballast Valve casings

Application:	Ballast valve casings
Place:	Stettin, Poland
Date:	January 2009
Job and report done by:	Local workshop, Stettin and Wencon technician
Wencon products used:	Rapid, Release Agent, Cleaner, appl. tools



1, 2, 3 & 4.

All 12 seats were heavily corroded. O-ring seats were damaged as well.

The casings were sandblasted to SA 2,5 75my and heated up (40° C.) for 24 hours in order to sweat out salt.

Then sandblasted again to avoid “new rust”.



5. & 6.

In order to smooth the surface as much as possible, the male cones were machined in a lathe.



7. & 8.

Wencon Release Agent is applied on the male cone surface, and casings are cleaned with Wencon Cleaner and ready to cast.



9. & 10.

A suitable amount of Wencon Rapid is applied in the casing, and the old o-ring is used for casting the new seat.



11. & 12.

Male cone is put in the casing, and left to cure for 12 hours.



13. & 14.

After removing the male cones, new seats
are smooth.



15. & 16.

Final result.

