



HOW A RAILWAY WAGON PRODUCER CAN INCREASE ITS PRODUCTIVITY UP TO 30% ?

#1

Context



Our client is railway wagons producer who proceed surface preparation by airblasting automatic chamber. They need to increase their capacity even with decrease cleanliness up to minimal accepted level.

#2

Actions



- ✓ Full technical audit of equipment and surface parameters.
- ✓ TER with advices what and how to prepare equipment. Mainly dust removal system (dust collector and separator) were far from perfect condition.
- ✓ Test center trials to find minimal accepted cleanliness, including tests of coating.
- ✓ Training of programmers to optimise trajectory of nozzles.
- ✓ Trial batch of hoses and reached more then 4 weeks blasting time without any risks.
- ✓ Double Ventury nozzles to provide better blasting parameters.
- ✓ Trial in test center to show difference of surface due to usage of PR058 instead of WGH050.

#3

Results



30%

increase productivity and still have good gap to maximum. Today we are working to increase cleanliness to normal Sa2,5.



Cost reduction due to savings on hoses by demonopolizing purchase source - Increasing of working time

