



HOW TO REPLACE CHEMICAL DESCALING BY STEEL ABRASIVES DESCALING ?

#1

Context



Our client is the the largest titanium plant in the World, based in Russia. Since years and years, descaling of big parts (Airbus or Boeing semi-products for airplane undercarriages) was done with iron cast abrasives on Wheelblasting machines. We used to supply 60-80 tons of WS170 to replace chemical descaling of foils (pickling) and WGP018 for descaling of little parts.

#2

Actions



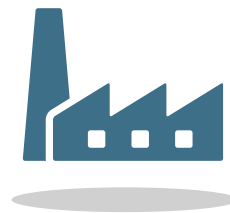
- ✓ On-site **process audit** by our Consulting experts during 6 months.
- ✓ **Demonstration** in our French **Test Center** to convince the development engineer and the responsible for Cleaning of **"no risk"** to move from iron cast to Steel Abrasives WGH and WGL.
- ✓ **Trials "step by step"** on each Machine.
- ✓ **Training session** at the Plant (50 persons present).
- ✓ Introduction of our **GH and GL (012/014) in place of Iron cast.**
- ✓ **Commitment** on "Positive" results (Protocols of Trials signed by both sides).

#3

Results



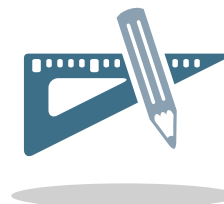
100%
Of Wheelblasting
machines working with
steel abrasives



50%
And less Consumption



productivity
Less wear of Turbines
and machines.



New machines designed
according to our abrasives
and recommendations.

