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Specific effects of worker on surface integrity of final product

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Requirements of product precision in chain supply in automotive industry are usually on extreme high level. Usually, there is focus on the fields of process control, productivity, capability, reliability and repeatability of all the preparatory and manufacturing steps. But there is sometimes one area, which is in the background, protection of parts before sweat aggressiveness. In this project, you can find out analysis of experiment with influence of surface behavior of non-ferrous part by the sweat of the worker or operator. Research team had opportunity to observe and analyze influence of different level of sweat aggressiveness during controlled time-period to find out correlation between supply time, sweat and protection of high precision part for automotive industry.

Biography

Martin Melichar has completed his PhD from University of West Bohemia in Pilsen. He is the Director of Laboratory of Workshop Metrology at Regional Technological Institute in Pilsen. He has published more than 25 papers in reputed journals and at conferences in Europe. He is also a Co-ordinator or Team Member of many national and international projects. In his lecture activities, he cooperates with the University of Vigo and University of La Coruna (Spain).

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