

# USE OF A DEFECTOSCOPE AS A TOOL FOR ELIMINATING THE HUNDRED-PERCENT QUALITY CONTROL IN A STEELWORKS

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**Abstract:** Technological progress in the vast majority of cases allows for eliminating destructive methods in the quality control of products in the metallurgical industry. At present we can use devices using e.g. ultrasounds or Eddy currents to test the quality of the produced product without destroying the sample. Properly calibrated control devices can check in real time whether a particular item complies with applicable standards and customer requirements, significantly improving the company's image and decreasing the costs associated with product returns.

The article presents a solution aimed at improving the efficiency of quality control of the sealing of a product manufactured in a metallurgical production facility. The facility in question is located in Silesia, Poland.

**Keywords:** defectoscope, quality control, quality management methods