Example of use

Branch: production of large-diameter pipes
Realisation: 2014

HKS-System: WeldQAS

Installation of HKS-monitoring system, for example, the existing customer control box

Monitoring of submerged welding plant

Task / problem

- monitoring and documentation of welding current, welding voltage, welding speach and energie per section of inner- and outer seams - at 3 tandem machines for very thick-walled pipes
- detection of preheating and interpass temperature

Application specifics / technical data

- use of pyrometer with cooling to record temperatures
- adaptation of the pyrometer specifically to the application

Advantages of the application

- documentation of welding data on customer's requirement as a permanent proof of quality.
- monitoring the preheating avoids the formation of cracks
- retrofitting to any facilities

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