

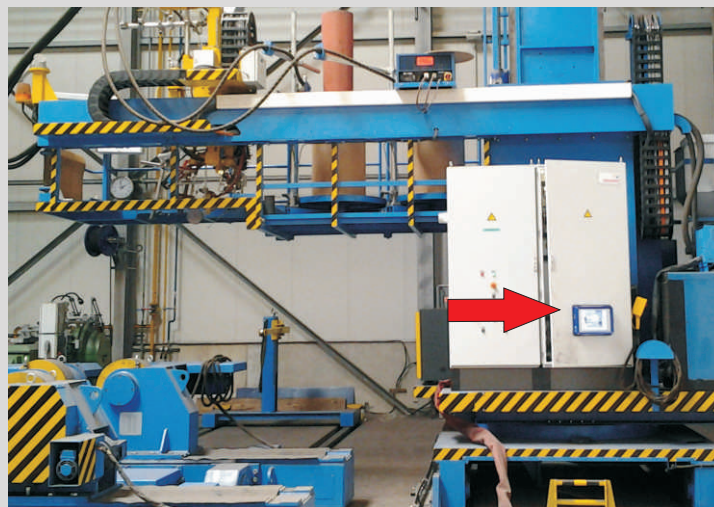
Branch: production of large-diameter pipes

Realisation: 2014

HKS-System: WeldQAS

Anlage 1		1.01.001	
Aufzeichnung 3		Zwischenlage	
A	575,3 A	A	445,0 A
V	35,6 V	T	118,3 °C
		P	35,3 kW
		%	34,26 kJ/cm
Kennzeichnung		Note	
OrderCharge 185695-2014			
Job-Nr. 3.1			

work monitor while welding



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 speed 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