AVANTO™
How it works.

Project and job set up:
- Engineer searches for existing or creates new welding procedure specification (WPS).
- Engineer creates project and jobs, using digital WPS to automatically define the welding process steps.
- Engineer assigns master project resources such as materials.
- Engineer assigns the project or specific jobs to welding supervisors.

Job preparation:
- Welding supervisor logs into mobile app to view job queue and check the status of jobs.
- Welding supervisor selects a job requiring completion.
- Welding supervisor checks that welder is qualified to do job – confirms and adds job to welder’s queue.
- Welding supervisor checks welding machine is validated and assigns to job.

Welding:
- Welder logs into mobile app to view his job queue.
- Welder selects a job and views details including the WPS.
- Welder checks the machine settings on the app and inputs into machine.
- Welder commences welding and completes the job.

QA and reporting:
- QA supervisor conducts visual check of weld… results saved in system.
- Weld undergoes NDT… report added to job in the system.
- Pack containing all the details of the job generated and sent to the customer in one digital report.
- Welding management dashboard and reports provide managers with insight to improve the operation.

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