

ARC ENERGY IMPROVES INSPECTION FACILITIES BY MEASURING ON THE MOVE

Welding engineering specialists Arc Energy Resources has invested in a Faro portable coordinate measuring arm (CMM), advancing the companies inspection facilities for its weld overlay cladding and fabrication services.

It enables the company to precisely measure the complex geometries often encountered in the valves, pumps, pipe work and fittings produced for the oil & gas, nuclear, renewable and related industries, even during the manufacturing process. The investment supplements Arc Energy's ability to handle 'difficult-to-weld' items for fabrication or cladding of a huge range of component sizes. Ultimately, it confirms for customers the quality of the process and of the finished components.

The advanced software provides powerful features enabling a full range of geometrical and form tolerances to be verified. The device is also capable of being moved during use to give an unlimited range of measurement, the largest component measured at Arc Energy to date being over 6 metres long.

Arc Energy Resources is now able to produce full 3D 'as built' models of finished components providing quality assurance data for clients. Reports can be tailored to customer requirements on dimensional accuracy, for components of unlimited size, without the need for the items to leave the Gloucestershire workshops.

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200 words

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