Robust tool for quantifying & qualifying the consistency of electron beams

Quick go/no-go ‘traffic light’ decision making tool

Determines actual beam focus settings irrespective of operator perception

Accumulates long term process QA data

5 EB welds in a turbine drum

EB welding in action

BeamAssure Mk3.1 transducer head

Data for different beam powers

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Not intrusive to welding

Low & high power beams measured

Installation, training, support & warranty

Standalone or welding m/c control integrated
Production and R&D use on 3 Continents

Proven durability – serial aero engine production since 2011 - no issues

“BeamAssure has resulted in a step change in the understanding of EB welding” at a prime UK manufacturing site in 2016
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