

AMEC TRANSCO GAS PLANTS

- *using 3D Laser Scanning*



AMEC had been awarded a 3-year contract by Transco to provide as-built drawings for hundreds of gas and gas storage plants throughout the UK. In the first year measurements were taken manually and lead to many revisits and inaccurate data.

ScanTech undertook a trial scan of one site and provided an accurate point-cloud, 3D model and 2D General Arrangement drawings as well as an equipment layout drawing. This enabled the AMEC engineers to produce the hazardous area classification drawing and also to commence the E&I surveys with accurate drawings.

A feature of this plant is the age of the pipework and equipment and the fact it is contained in a non ventilated room. This posed no problems for the scanner, which captured the necessary data from the doorway. The whole 40m x 40m site was scanned in under 4 hours and the drawings & model produced four days later.



Pipework in the Building

Point cloud of Pipework

