



Pneumatic Conveying



S Speed
A Accurate
B Building Information Model
R Reverse Engineering
E Existing Environment Verification

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Designing with the aid of laser survey data collection has proven to be an essential engineering innovation for reviewing 3D CAD designs within existing plant environments.

This process allows our engineers to accurately capture all as-built measurements of existing plant and infrastructure within a single visit.

Using this data your new plant can be optimised for ease of construction and also to eliminate clashes between new and existing infrastructure.

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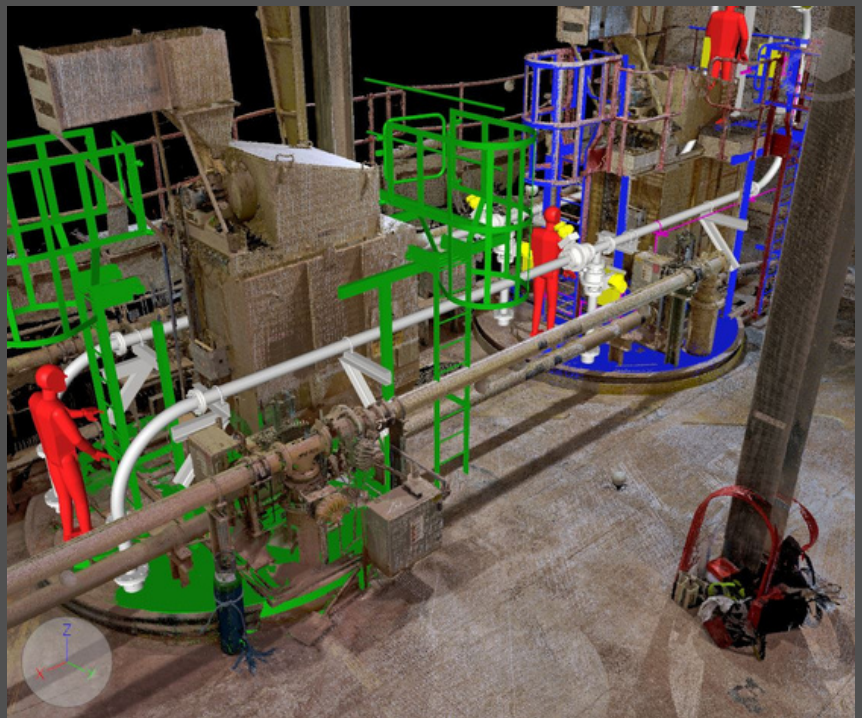
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ISO9001 | ISO14001



British Engineering



example of point cloud scan showing new piping system in place

Benefits 3D Laser Scanning

Rapidly captures accurate as-built information in rich detail delivering detailed measurement and documentation of 3D data

Budget costing for new plant become more accurate leading to fewer adjustments later on.

Clashes can be detected early on in the project giving you time to respond accordingly without significant adjustments to budget.

The whole team can visualise new proposals in situ of their existing environments.

The latest laser scanners are capable of capturing one million points per second combined with high resolution panoramic images to provide the best real time imagery



modern 3D laser scanner set-up and in position on site