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MCROBERT CONTRACTING SERVICES PTY LTD

3D LASER SCAN AND CCTV INSPECTIONS

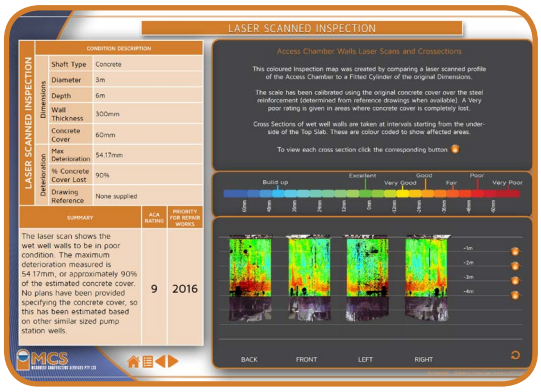
McRobert Contracting Services provides a specialised service of completing 3D laser scan and CCTV inspections on sewer pump stations and access chambers.

With the safety and health of our personnel first and foremost, this service has eliminated the need for man entry to these assets to complete internal inspections.

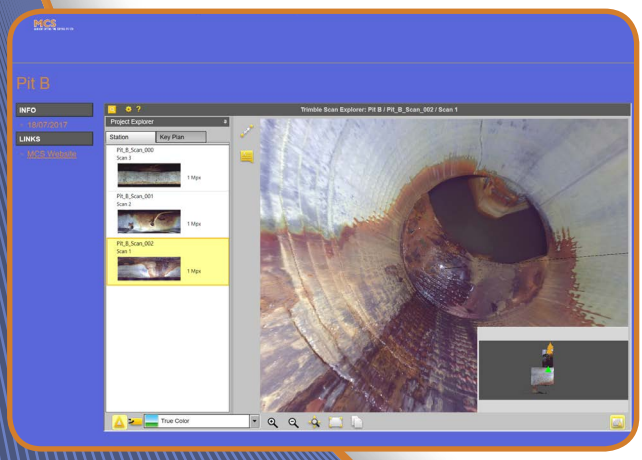
Using the latest 3D scanning technology, a Faro X130 3D laser scanner is used to provide accurate measurements of your underground asset. These measurements are then compared to the original dimensions of the structure, to determine the amount of deterioration of the asset. The laser scanner takes 27 million measurements in 8 minutes, up to a distance of 130 metres.

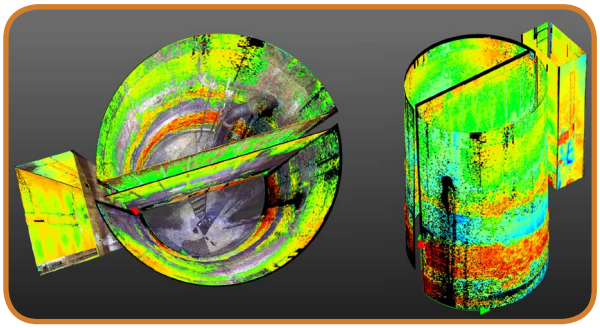
Data is collected from the laser scanner and used with specialised software to create 3D point cloud imagery, which is then used to assess the structural integrity of the asset walls.

In conjunction with the laser scanner, a high resolution camera is also used to visually inspect the walls and internal components of the structure. A full HD video recording of the inspection and high resolution photographs are provided as part of this service.



A detailed report is then generated, with a complete assessment of the structural integrity and all internal components of the asset.





Interested in having your asset 3D laser scanned?
Contact us on:

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