

CANdrone - UAV INSPECTION SERVICES

CAN's state of the art Unmanned Aerial Vehicles (UAV) enable safe, live plant inspections in challenging areas. Our systems are designed to conduct a range of visual, dimensional and thermal imaging inspections in support of structural and mechanical integrity condition assessments both on and offshore.

This service benefits from our inspection experience and the support of the wider CAN Group to provide a fully integrated inspection engineering service which includes the inspection, technical assessment, reporting and recommendations for informed decision making through to engineering and remedial action through rope access intervention for identified repairs and maintenance.

Advantages

- Integrated, cost-effective service
- Flexible, rapid inspections
- Ability to inspect difficult to access and confined space areas
- Provides greater insight in to the status of assets whilst minimising disruption
- Detailed inspection reports with high quality data and technical recommendations for informed decision making
- A safety-first approach – safer inspections reducing exposure to hazardous areas
- Reduced asset downtime
- Reduced risk

Features

Delivering efficient screening through rapid visualisation and data recording, our systems produce high resolution data capture and playback. They deliver:

- Live camera feeds
- Obstacle Avoidance Technology
- Custom built gimbal for complete stability
- Satellite navigation and full flight data logging capability
- Thermal Imaging Capability
- Collision Tolerant Drone for Internal Tank Inspection
- D-RTK System – Counteracts Magnetic Interference

Applications

CANdrone services can be used to conduct aerial inspections and assessments of:

- Bridge links
- Confined Space Inspections
- Flares & Elevated Structures
- Gas Detection / Emission Surveys
- Hulls
- Tanks
- Ortho / Mesh data mapping with GPS overlay
- Pipelines
- 3D Photogrammetry Modelling

CANdrone Pilots

Our experienced multi-skilled inspectors are fully qualified and externally assessed pilots. CAN has CAA permission for commercial UAV operations.

