

surface

tech spec

UAV INSPECTION



OVERVIEW

Unmanned Aerial Vehicle (UAV) inspection is quickly becoming the preferred method of Coating & Paint Inspection across a wide range of sectors. UAV is a safe and efficient alternative inspection and survey method which also significantly reduces costs associated with erecting traditional methods of access.

Combined with our ground-breaking SAM™ software, our UAV service offers transparent reporting and demonstrates tangible financial, and efficiency added value.

Our in-house team of qualified surveyors are trained to combine the role of 'UAV pilot' and 'coatings inspector', providing numerous solutions to what conventionally were once pain points within the inspection and coatings survey market.

HOW DOES IT WORK?

Using a DJI Matic 300 RTK UAV, our experienced AMPP / ICorr qualified coating surveyors can survey assets with the use of onboard cameras, that act as the inspectors' eyes delivering 4K imagery.

This is the first step in the inspection process and allows inspectors to carry out a thorough inspection in a short period of time to assess conditions. Our UAVs are linked with our SAM™ software to generate immediate, accurate conditional survey reports, removing the need for manual data input.





FEATURES & BENEFITS



IMPROVED SAFETY

Deploying UAVs for inspection reduces the risks associated with traditional surveying as inspectors are removed from potentially dangerous and hostile conditions such as height, weather, and radiation.

COST EFFICIENCY

UAV inspections can be carried out whilst an asset is still operating reducing associated shutdown or isolation costs. Further savings can also be made as manual processes, for example, rope access, MEWPs or scaffolding are no longer required.

TIME EFFICIENCY

UAV inspection avoids the many days, weeks and even months of shutdown planning. Time is also saved on physical surveying and coupled with our SAM™ software, reports can even be generated whilst the UAV is in mid-flight.

FLEXIBILITY

UAV inspection allows for the collection of aerial data in areas that would typically be impossible to reach. The improved and flexible access to challenging areas is beyond any other method of inspection.

QUALITY DATA

Our AMPP / ICorr qualified inspectors have years of experience in the Coatings industry. Our in-depth knowledge means we know what to look for when deploying a UAV and we have the skills to analyse the data collected. Our multi-skilled approach reduces time and costs required compared with hiring a drone pilot and Coatings Inspector.

RAPID DATA

Combined with our SAM™ software, 4k images, videos and data can be collected, generating instant reports that can be shared with stakeholders quickly and easily.