

## OUR CHALLENGE

Our industry faces numerous challenges in having to continually condition assess individual pieces of Transmission and Distribution (T&D) equipment.

Asset inspection policies are established to gather data to determine which items are to be replaced, reinforced or refurbished and when this is required.

Our clients' success is dependent on an efficient asset inspection process to ensure the availability of a reliable supply. Our experts are here to assist you and to provide you the data to support those strategic decisions you must make.

## OUR EXPERIENCE

During 2010 LSTC set up the Asset Inspection business to provide services across the UK.

The Asset Inspection management team has a wealth of experience and knowledge in all aspects of Transmission and Distribution overhead lines.

Key areas include project planning, understanding the client deliverables whilst adding value, creation of work flows and data collection protocols, data collection, analysing and verification of asset condition and refurbishment planning and reporting.

## OUR SERVICES

Over recent years our specialists have developed detailed overhead line inspection techniques and post processing which have enabled Asset Network Owners to implement effective maintenance and refurbishment regimes.

Our teams provide a variety of condition-based assessment services for both steel tower and wood pole networks to Transmission and Distribution (T&D) owners.

We have developed inspection protocols used to inspect and analyse the condition and ageing of structures, conductors, insulators, steelwork, fittings, foundations, signage and guarding.



Once our data has been collected in the field it is transmitted to our servers daily. On completion of the inspection, all data, imagery and videos are assessed, and quality checked.

From here, using our bespoke engineering software systems, the inspection data is processed by our engineering experts who then confirm the condition rating of the components in readiness for the final written reports.

## WHAT WE DELIVER

- ◆ High quality inspection data that includes digital images of all components
- ◆ Detailed overhead line refurbishment schedules
- ◆ Business case reports that provide estimated replacement costs of the works
- ◆ Specialist technical support from our in-house engineering teams across the UK

## OUR COMMITMENT

Our dedicated, enthusiastic and experienced asset inspection management teams are committed to supporting you by using new technologies and innovative data collection techniques. This ensures a cost-efficient and reliable approach to asset inspection.