

# Infrared Thermal Imagery Case Study

## Infrared Thermal Imagery

Time Frame: 2023

### Scope:

The Client appointed ETMS to perform infrared thermal inspections. The inspections were part of their Health and Safety and Maintenance protocol to ensure a safe working environment for their employees. A total of 69 electrical and control panels were inspected.

### Methodology

A combination of visual inspection and thermal imagery was used to check for hot spots in the panels, bonding of panels to earth and compliance with BS7671

### Results of inspection

Of the panels inspected, one required immediate corrective actions, three required maintenance work and several required a general cleaning. Some pictures of the inspection are presented below:

