



# MILTON CONTRACTING

## THERMOGRAPHIC

## IMAGING

### WHAT?

What is thermographic imaging?

Thermographic imaging uses a special camera to photograph electrical devices typically switchboards to determine if parts, cabling or terminations are operating at higher than normal temperatures

### WHY/ WHEN?

By completing regular (12 monthly) scans of your electrical equipment you can develop trends and pick up potential issues before they become a **danger to equipment & persons and a fire hazard within your infrastructure.**



### HOW?

The scans are completed with switchboards open and energised.

Do they need to be energised? Yes, electrical issues such as hot joints or faulty parts generate heat while energised and while electrical load is being applied.

Does power need to be isolated? In some circumstances the power needs to be isolated while escutcheons are removed or opened due to the interlocking of the electrical switches which normally prevent access to energised panels.

### EXAMPLE PHOTOS

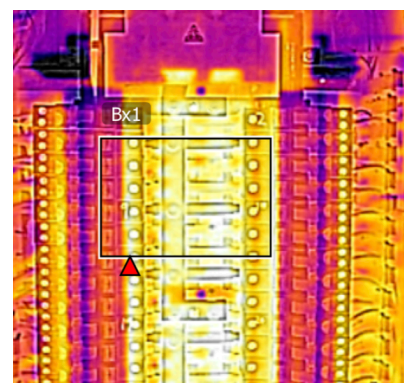
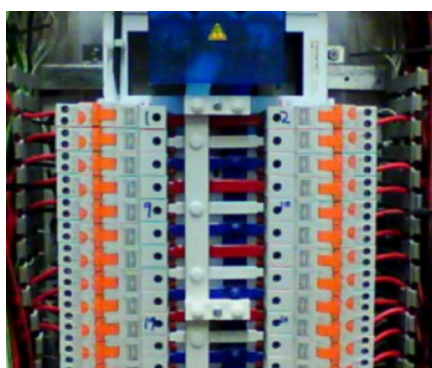
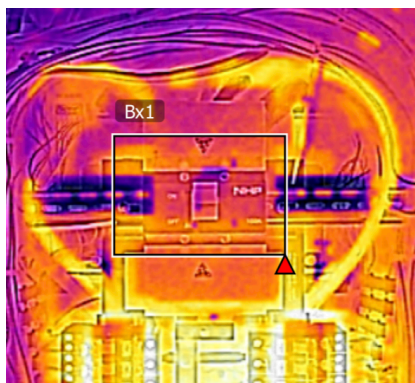


Image taken on FLIR E5 with multi lens for image in image capability