

Thermal Imaging Survey

A thermal imaging record linking image references, camera settings, operating conditions, measured temperatures, interpretation and survey limitations.

1. Record details and scope

Project

Filled in from the project in SiteSurvey.

Site or premises address

Client or organisation

Record date *

Person completing the record *

For competent thermographers. This records observations and interpretation, not a diagnosis from colour alone, an electrical safety certificate or permission to expose live parts.

FLIR explains that temperature interpretation depends on emissivity, reflected radiation and measurement conditions. HSE electrical guidance requires safe maintenance arrangements; using a camera does not make access to live equipment safe.

2. Survey method

Survey purpose and agreed scope *

Camera, lens and calibration reference *

Thermographer and competence reference *

Weather, ambient conditions and operating loads *

Record the environmental and operating conditions that affect interpretation. Reference instrument settings and comparison evidence.

3. Thermograms

Thermal observation (copy this block for each one)

Asset or location *

Original radiometric file reference *

Emissivity, reflected temperature, distance and other settings *

Measured temperatures, units and comparison point *

Interpretation, basis and uncertainty *

Thermal export and corresponding visible image (photos: attach, or note the file names)

4. Limitations and follow-up

Access, loading, surface and environmental limitations *

Confirmatory testing or specialist investigation

Urgent concern and person informed

Technical reviewer

5. Actions and review

Are further actions required? * (choose one)

☐ Yes ☐ No

Further action (copy this block for each one; if applicable)

Action and evidence reference *

Person responsible *

Target date

Action status * (choose one)

☐ Open ☐ In progress ☐ Completed

Completion evidence * (if applicable)

Outstanding limitations and information to pass on

Record status * (choose one)

☐ Ready for review ☐ Further work needed ☐ Work or use stopped

Reviewed by

Review date

Author signature *

Signing records the information entered. It does not itself certify legal compliance, remove a limitation or authorise unsafe work.