

___/___/___ to ___/___/___

**Safe Work Method Statement :-
Thermal Image inspection of Electrical Switchboards**

The work involved in Thermal Imaging of electrical switchboards involves serious risk of injury to the person performing the task and others who may be in the vicinity.

These are daily problems for all personnel who open live switchboards for inspection or repair.

The name of the company

InfraScan Thermal Imaging Pty Ltd

A description of the work activity

Thermal Imaging inspection of Electrical Switchboards

The date the Work Method Statement was developed / Reviewed.

01/07/2010

The name and signature of the person who developed the Work Method Statement

Colin Simon

The project name/number

Site _____

Infrascan Ref. _____

Name of the Principal Contractor:

InfraScan Thermal Imaging

The job steps involved in doing the work

- 1) Remove covers from electrical switchboards
- 2) Examine the interior from a distance not less than 500mm using Guide imaging apparatus, take current readings with test equipment (clamp meter) when required
- 3) Re-instate covers

Potential hazards associated with the work and its job steps which are Class 1 and Class 2 risks.

1). Remove covers on electrical switchboards

Risk Class 1

Contact of cover with enclosed live parts causing electrical explosion

2). Thermal Image Interior or take readings with clamp meter

Risk Class 2

Personal Contact with live parts causing electrocution or other injuries

Minimise risk of interrupting power by taking care with panel covers

3). Re-install the covers when finished

Risk Class 1

Contact of cover with enclosed live parts causing electrical explosion and burns.

The controls that will be put in place to eliminate or minimise the potential hazards.

Identified Controls are:

- Only personnel with suitable qualifications to perform the work.
 1. Licenced “A” grade electrical mechanics with experience in the electrical breakdown or switchgear industry, or
 2. Suitably qualified tertiary educated engineers (min 4 year course), specifically trained in thermal imaging on the job.
 3. Diploma qualified electrical engineers (min 4 year course), specifically trained in thermal imaging on the job.
- Only insulated test equipment to be used within enclosures.
- Only rubber soled shoes to be worn by personnel.

Personnel will be trained in removal / re-instatement of panels in such a way as to minimise the risk of contact with live parts. This training will involve the following elements:

1. Removal of fastenings while holding the cover in place
2. The best method of grasping the cover prior to removal
3. Positioning the body to accept the weight of the cover so that firm control can be exercised on the cover and the person.
4. Removal of the cover with regard to limitations of movement in a smooth controlled manner

Re-instatement of the cover is the same as removal except that steps 3 & 4 are reversed

The name of the person responsible for ensuring that the control is in place

Signature _____

Name _____

Date ____ / ____ /2010