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| **1.31 Introduction to Thermography** | |
| Level | 3 |
| Duration | Minimum of 18 hours |
| CFPA-E Points | 18 |
| Aim | To provide learners with an understanding of non-contact temperature measurements using electrical and other equipment and the technology and science behind the equipment function |
| Target Public | Persons who intend to carry out thermographic measurements |
| Prerequisites | • Technical qualification which is at least equivalent to that of a trained electrician and  • Training and education required under national legislation to be able to work on electrical installations  • The participants have to bring their own thermographic equipment |
| Progression | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 i.e. Thermography of Electrical Installations or progress to more in-depth courses at Level 4 |
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| Learning Outcomes | Upon successful completion of the course learners will be able to: |
|  | Appraise the circumstances where this equipment would be used |
|  | Integrate the use of appropriate standards and codes of practice where applicable |
|  | Organise proper use of own equipment |
|  | Distinguish between each type of risk / hazard |
|  | Analyse, properly record and present the findings of the work |
|  | Organise safe practical use and inspection of electrical equipment |
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| Related Guidelines | 3 F |
| Assessment | A practical and/or written assessment in the area that is designed for 30 minutes in duration |
| Qualifications | Attest |