

## AREAS FOR FURTHER DEVELOPMENT

### T LEVEL: BUILDING SERVICES ENGINEERING FOR CONSTRUCTION

T Level learners will have covered a broad spectrum of knowledge and understanding of the concepts, theories and principles relevant to the T level in the core content. They will then specialise and cover the knowledge and skills required in that occupational specialism, putting this into practise during the industry placement. There may be some areas a learner will need to further develop in a workplace environment following a T Level to reach full competence, such as behaviours. Following engagement with employers, industry experts and providers, we have captured below what these areas for development may be following a T Level for each specialism and standard. This will depend on the learner and an initial assessment. The RPL guidance gives further details.

#### **Occupational Specialism: Electrotechnical Engineering** **Standard: Installation Electrician and Maintenance Electrician**

##### Aspects for further development

##### **Knowledge**

K3: Understand the principles, practices and legislation for the inspection, testing, commissioning and certification of electrotechnical systems and equipment in buildings, structures and the environment.

- Understand the requirements for the safe testing and commissioning of electrical installations
- Understand the requirements for testing before circuits are energised
- Understand the requirements for testing energised installations
- Understand the requirements for the completion of electrical installation certificates and associated documentation
- Be able to confirm safety of system and equipment prior to completion of inspection, testing and commissioning
- Be able to carry out inspection of electrical installations prior to them being placed into service

- Be able to test electrical installations prior to them being placed into service
- Be able to commission electrotechnical systems and equipment

### **Skills**

S1- S7 – further application and skills development

S8- Practical application to oversee and organise the work environment.

### **Additional Learning**

Further Practical Application of knowledge and skills to reach full occupational competence. They will need further support to apply their knowledge and skills, particularly in non-routine situations to develop their:

- Quality of skill
- Pace
- Adaptability
- Independence and focus
- Appropriate workplace behaviours

Level 3 Electrotechnical Qualification, (Installation) or (Maintenance).