



HI-TECHTRAINING
TRAIN FOR SUCCESS

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Thermal Insulation Fitting Course

HI-TECH TRAINING is a long established Training Organisation which helps ambitious people to move up into higher paid, more secure jobs in the fields of Electronics, Alarm Installation, CCTV, Access Control, Alternative Energy, Green Building Technology and Thermal Insulation Fitting. Whether you are a newcomer to the field or already working in these industries, Hi-Tech Training can provide you with the specialised training so essential for success. The expert and personal guidance by fully qualified tutors is the key to our outstanding performance in the technical field. You study the subjects you enjoy, receive formal training certificates so that you are ready for that better job, better pay. We have vast experience of running technical courses to very high standards. We continually update our training methods, equipment and course syllabi in order to provide participants with the skills and knowledge demanded by today's ever changing technology. All courses are conducted subject to a minimum number of trainees.

Aim: -

This practically based course is designed to provide participants with the practical knowledge and skills to install thermal insulation for draught proofing and loft insulation using appropriate tools and materials in compliance with health and safety requirements to achieve customer satisfaction.

Qualifications: -

1. On completion of the Course, having been successful in TWO examinations (one written, one practical) the participant will receive a Hi-Tech Training Certificate stating the Grade obtained, be it: **PASS, CREDIT** or **DISTINCTION**. **PASS** = 50% - 64%. **CREDIT** = 65 - 79%. **DISTINCTION** = 80% - 100%.

2. On completion of the Course and successfully completing 1 written examination (20%) and 1 FETAC specified Skills Demonstration (80%), the participant will receive the **FETAC - Level 5 Award – Thermal Insulation Installation (C20273)**.

Duration: -

18 hours (6 x 3 hour training sessions). Classes will be held in comfortable surroundings.

Teaching Methods: -

Our teaching methods are modern and effective. We provide information transfer by the correct implementation of Lectures, Practical Demonstrations, Course materials and "Hands-On" exercises. These training methods provide the participant with a greater grasp of the practical aspects of these technical subjects and provide them with the experience and confidence that are so essential to obtain employment in the technical fields.



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Thermal Insulation Fitting Course

Learning Objectives: -

- Appreciate the environmental, insulation, cost and appropriateness of specific types of thermal insulation.
- Use appropriate equipment, materials and tools safely for specific insulation purposes.
- Be able to fit insulation in a loft, cavity wall and internal walls.
- Use Thermal Imaging Camera to check for heat loss before and after installation.
- Be able to access information on Government agency incentive schemes and grants.



Typical Participant Profile: -

The course is designed to be of benefit to the DIY enthusiast, people either working or changing their profession and intending to work as a: - Thermal Insulation Installer OR anyone just wishing to gain a practical knowledge of Thermal Insulation Systems.

Entry Requirements: -

Level 4 Certificate, Leaving Certificate or equivalent qualifications and/or relevant life and work experiences. The main factor is for the learner to have an interest in this subject and be prepared to dedicate several hours study each week in addition to time spent on the training course.

Materials included in Course Fee: -

A detailed set of notes including use of all equipment and materials will be provided to the participant.

Practical "Hands-On" experience: - 50% approx



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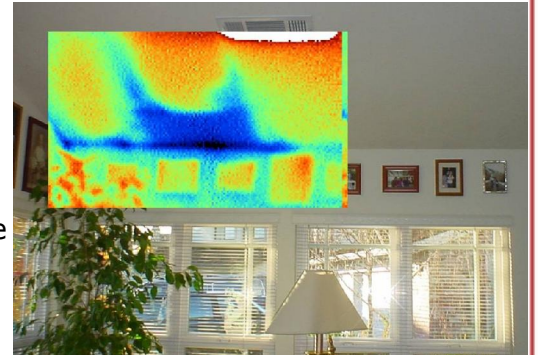
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Thermal Insulation Fitting Course

Course Content: -

- Thermal Insulation Materials: - Types, Uses, Applications and their environmental impacts.
- Using "Green" and natural insulators to reduce CO₂ emissions and energy costs.
- Modern material specification, U, R and k values, selection, sourcing and defect recognition.
- Identify, use and maintain the correct tools for fitting.
- Use of materials in accordance with manufacturer's instructions and specifications.
- Installing Internal Insulation, Cavity Insulation and Loft Insulation.
- Recommendations for New Houses and Existing Houses.
- Condensation and Ventilation considerations.
- Draught Sealing and Air-Tightness.
- Electrical, plumbing and temporary lighting considerations.
- How to completing relevant documentation, SEI (Sustainable Energy Ireland) Registration and Grant Schemes.
- Environmental waste disposal requirements.
- Statutory requirements in relation to Health and Safety at Work and use of PPE, Board walking.
- Team synergy and how to maximize benefits of working in teams and leading teams.
- Customer Service, queries and conflict situations.
- Checking the effectiveness of an installation.
- Relevant standards and issues, Changing technology and keeping updated.



Please Note: - A large percentage of the course timetable is allocated to building, setting-up, testing and trouble-shooting Thermal Insulation Fitting techniques. At the end of the course an interested and hardworking participant will have a foundation knowledge of what practical Thermal Insulation Fitting is all about. Each module of the training program is backed-up by practical exercises, demonstrations and course materials. These training methods give the participant a greater grasp of the practical aspects of the industry and provides them with the "Hands-On" experience and confidence which are so essential for success.