NZEB FUNDAMENTALS FOR ELECTRICANS

wwetb
Bord Oideachais agus Oiliúna
Phort Láirge agus Loch Garman
Waterford and Wexford Education and Training Board

NZEB NEARLY ZERO ENERGY BUILD

Course Content

This course aims to provide participants qualified in the trade of Electrical Trades with the knowledge, skills and competency in the principles and practices of Nearly Zero Energy Building (NZEB) for new dwellings.

The following modules will be covered with a particular focus on its relevance to the Electrical trade.

NZEB PRINCIPLES, BUILDING REGULATIONS AND PRODUCT STANDARDS
Understand the Principles relevant to NZEB, Building Regulations and Product Standards

BUILDING PHYSICS
Understand Building Physics – Key energy terms and units

BUILDING FABRIC
Understand Building Fabric – Continuous Insulation, Thermal Bridging, Air Permeability, Windows and Doors.

BUILDING SERVICES
Understand Building Services – Space heating and Domestic Hot Water, Controlled Ventilation, Lighting, ICT and Smart Technology

RENEWABLE ENERGY, PHOTO-VOLTAICS, SMART METERING AND ELECTRIC
Understand Renewable Energy, Photo-Voltaics, Smart Metering and Electric Vehicles relevant to NZEB

COMMUNICATION AND USER INFORMATION
Demonstrate the required knowledge to facilitate high quality Communication and Best Practice User Information

CERTIFICATION

This course is City and Guilds Assured and CIF approved.
The certification for this course is - **Nearly Zero Energy Building (NZEB) Fundamentals for Electricians (City & Guilds Assured)**

NZEB TRAINING CENTRE

Our Training facility in Enniscorthy is the first trade specific NZEB Training Centre for Contractors in Europe. It is located at Blackstoops, Old Dublin Road, Enniscorthy, Co. Wexford, *Y21 6TV9.*

CURRICULUM

The Curriculum is based on contributions from leading government and industry partners – i.e. CIF, Housing, Planning and Local Government, SEAI, Union Representatives, Local Authorities and Third Level Institutions.

TUTORS

Training is delivered by experienced and qualified Tutors.

WHEN DID NZEB BECOME MANDATORY?

	Construction Starts
Commercial Buildings	1st January 2019
Residential Buildings	1st November 2019

SKILLS TO ADVANCE FUNDING

You may qualify for funding under the Skills to Advance Initiative (STA). STA is a SOLAS Initiative in partnership with WWETB and supported by Government. To check if you are eligible for funding please contact nzeb@wwetb.ie or 051 301500. Only those with an Irish PPS Number are eligible to apply for funding. If you are not eligible for funding or you do not have an Irish PPS number, the course fee is €300.

To register or find out more:

Waterford Wexford Training Services
nzeb@wwetb.ie
www.wwetbtraining.ie/nzeb
051 301500

Rialtas na hÉireann
Government of Ireland

Arna chomhchistiú ag an Aontas Eorpach
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