



wwetb

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



NZEB NEARLY ZERO ENERGY BUILD

ELECTRICAL

WAQ9967

Course Content

The course will provide those qualified in 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) for Electricians (City & Guilds Assured)**

NZEB TRAINING CENTRE

Out Training facility in Enniscorthy is the first trade specific NZEB Training Centre for Contractors in Europe.

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 Does NZEB Become Mandatory?

	Construction Starts
Commercial Buildings	1 st January 2019
Residential Buildings	31 st March 2019

SKILLS TO ADVANCE FUNDING

NZEB Training is fully funded for participants under the Skills to Advance (STA) Initiative. Skills to advance is a SOLAS Initiative in partnership with WWETB and supported by Government.

To register or find out more:

Waterford Wexford Training Services

✉ nzeb@wwetb.ie

🌐 www.wwetbtraining.ie/nzeb

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Phoirt Léinn agus Leath Gairm
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Ireland's European Structural and
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2014-2020
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