

GLIMPES

Introduction

In implementation of the decision of the UAE Vice President, Prime Minister and Ruler of Dubai His Highness Sheikh Mohammed bin Rashid Al Maktoum, and in line with the Dubai Strategic Plan 2015, Dubai have introduced various green building regulations and requirements in recent years, implementing both local requirements and requiring developments to meet accepted international standards for green and sustainable construction.

In line with the commitment of Dubai to become a world leading 'green' city and to make Expo 2020 an environmentally sustainable event, Dubai Municipality recently issued a circular making the existing Green Building Regulations and Specifications ("Green Building Regulations") mandatory for the private sector. The Green Building Regulations were issued by Dubai Municipality in 2011 and were immediately mandatory for government bodies and optional for private developers. Following the publication of Dubai Municipality Circular No. (198) of 2014, the Green Building Regulations are now also mandatory for all private developments with effect from 1 March 2014.

The purpose of the "Green Buildings Regulation and Specification" is to improve the performance of buildings in Dubai by reducing the consumption of energy, water and materials through enhanced planning, design, construction and operation of buildings.

Who does this affect?

As compliance is now essential, many stakeholders need to understand the requirements of the Green Building Regulations:

- Property developers and their professional team must fully understand the requirements of the Green Building Regulations and the criteria that must be met by a real estate development;
- Corporate occupiers and hotel operators need to be aware that new buildings must comply with the Green Building Regulations and should consider making such compliance a condition precedent to taking occupation/management control of the building; and
- Asset managers need to understand what work is required to ensure that buildings are developed, and maintained, in compliance with the Green Building Regulations.

CORPORATE TRAINING



GREEN BUILDING REGULATION AND SPECIFICATION IN THE EMIRATE OF DUBAI

In accordance with the current Green Building Legislation and
Guidelines in the Emirate of Dubai

C.R.E.A.
ENERGY SAVING &
ENVIRONMENTAL
QUALITY RESEARCH
CENTRE

TRAINING
CENTRE



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Target

The course aims to provide participants with the technical information necessary to apply the new technical rules included in the Dubai Green Building Regulations & Specifications. Examples of application will be discussed during the course as part of the training session.

Our goal is to enable the participant to fully apply the criteria included in the Dubai Green Building Regulations & Specifications.

Recipient

Recipients of the course are private company, engineers, architects, industrial experts graduates, surveyors, manager, technicians and more in general all those who are interested in deep in the subject.

Course Duration

Our training is offered starting from one-day workshops to comprehensive multi-day seminars. We also assist you in identifying the best training strategy for your company by either providing foundation trainings to a broad base of employees or in building up specialized capabilities.

Accreditations and Standards

Our trainings are accredited by ESAcert, the European System for the accreditation of Energy Certification Body.

Tutorial

At each participant will be given computer media containing the topics covered in the lectures of the course.

The teachers of the theoretical part are available, on request, to provide further clarification and details on the arguments presented during the lectures.

Content

Section One: Introduction

- 1: General
- 2: Documentation and Calculation

Section Two: Definitions

Section Three: Ecology & Planning

- 1: Access and Mobility
- 2: Ecology and Landscaping
- 3: Neighbourhood Pollution
- 4: Microclimate and Outdoor Comfort
- 5: Responsible Construction
- 6: Environmental Impact Assessment

Section Four: Building Vitality

- 1: Ventilation and Air Quality
- 2: Thermal Comfort
- 3: Acoustic Comfort
- 4: Hazardous Materials
- 5: Day lighting and Visual Comfort
- 6: Water Quality

Section Five: Resource Effectiveness: Energy

- 1: Conservation and Efficiency: Building Fabric
- 2: Conservation and Efficiency: Building Systems
- 3: Commissioning and Management
- 4: Onsite Systems: Generation & Renewable Energy

Section Six: Resource Effectiveness: Water

- 1: Conservation and Efficiency
- 2: Commissioning and Management
- 3: Onsite Systems: Recovery and Treatment

