

**Welcome to the Launch Event  
Of**

**Launch of The Minimum Design Standard for Building  
Services For Dubai**

**CIBSE UAE**

June 10<sup>th</sup> 2020



**CIBSE  
United Arab Emirates**

# Welcome Session

**Farah Naz**

Chair

**Imran Shaikh**

Vice Chair

**Introduction & Appreciation**

Reid Donovan, CIBSE UAE Past Chair,

**Objectives of the Guides**

Isaac Coker, Chair Technical Committee

**Mechanical Overview**

Hassan Younes and Azmi Aboul Hoda

**Electrical Overview**

Drew Tinsley

**Public Health Engineering**

Keith Perry

**Question & Answer Session**

Farah Naz Chair, CIBSE UAE

**CIBSE Knowledge Portal**

Imran Shaikh, Vice Chair, CIBSE UAE

**Closing of the Event**



# Some Simple Housekeeping rules for the session

- *After the Welcome session all speakers will turn their camera off to maintain the bandwidth*
- *We request the audience*
  - *to please turn off your camera*
  - *Please Mute your Microphone*
  - *Send all questions through the Messaging Function, they will be answered during the Q&A Session*



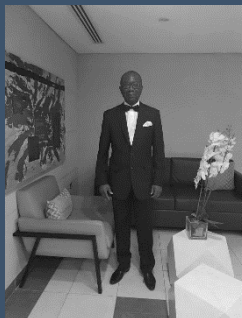
# Our Speakers Launch of The Minimum Design Standard for Building Services For Dubai



Reid Donovan Past CIBSE UAE Chair



Hassan Younes Technical Committee Contributor, Technical Committee



Isaac Coker CIBSE UAE Technical Chair



Azmi Aboul Hoda CIBSE UAE Treasurer



Drew Tinsley Contributor



Keith Perry Past Technical Committee Member





Reid Donovan Past Chair  
CIBSE UAE

# Introduction



## Objective of the Design Guide



Isaac Coker CIBSE UAE  
Technical Chair



# Minimum Design Standards for

## Mechanical Services

### DGD01: 2020



Hassan Younes Technical Committee  
Contributor, Technical Committee

1. Design codes, standards and guidance
2. Local codes, standards and guidance
3. International codes, standards and guidance
4. Minimum building fabric parameters
5. External design temperatures
6. Cooling load calculations
7. Thermal loads
8. Lighting power density: interior
9. Lighting power density: exterior
10. Infiltration rates
11. Ventilation rates
12. Diversity and safety factor
13. Building pressurization
14. Air movement
15. Noise and vibration control
16. Refrigerants
17. Cooling towers
18. Chiller coefficient of performance (CoP)
19. Hydraulic pressures and temperature
20. Fire and life safety systems

# Minimum Design Standards for

## Mechanical services

### DGD01: 2020



Azmi About Hoda CIBSE UAE Treasurer

1. Design codes, standards and guidance
2. Local codes, standards and guidance
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# Minimum Design Standards

## Electrical Services DGD02: 2020



Drew Tinsley Contributor

1. Design Codes, Standards and Guidance
2. Incoming Services
3. Electrical loads and diversity
4. Main distribution
5. Standby generation and distribution
6. Uninterruptable power supplies
7. Cabling
8. Small power and power supplies
9. Lighting
10. Aviation obstruction lighting
11. Fire detection and alarms
12. Lighting protection
13. Earthing and bonding

# Minimum Design Standards

## Public Health Engineering Services DGD03: 2020



Keith Perry Past Technical Committee  
Member

1. Design Codes, Standards and Guidance
2. Local Green Building requirements
3. Domestic cold water services, design criteria, codes, standards and regulations
4. Water storage design criteria
5. Domestic hot water services, design criteria, codes, standards and regulations
6. Water filtration services, design criteria, codes, standards and regulations
7. Drainage systems, design criteria, codes, standards and regulations
8. Storm water design criteria, codes, standards and regulations
9. LPG systems, design criteria, codes, standards and regulations
10. Water services design considerations
11. Drainage system design consideration
12. Storm water design consideration
13. Liquid petroleum gas (LPG) design consideration

# Question & Answer Session



# Membership Grades

Fellow

Member

Associate

Licentiate

Graduate

Student  
(Part time)

Student  
(Full time)

Affiliate

Application fee £ 0

Subscription Fee £ 41 ( AED 192)

**FREE**

Application fee £ 25 (AED 117)

Subscription Fee £ 136 ( AED 637)

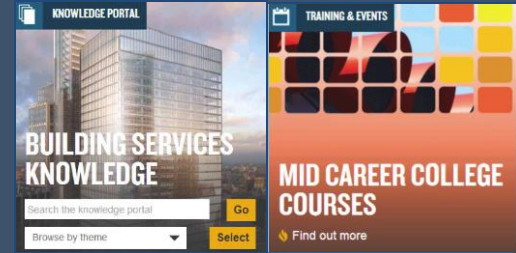
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# BENEFITS OF THE MEMBERSHIP



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Knowledge Portal, Training, Courses and Events

The CIBSE Guides offer comprehensive technical guidance on key areas of building services engineering. See link for complete list.

<https://www.cibse.org/Knowledge/CIBSE-Publications/CIBSE-Guides>



CIBSE Societies

ASHRAE

WIBSE

YEN

Special Interest Groups

# CLOSING OF THE EVENT

## Thank you for Joining us

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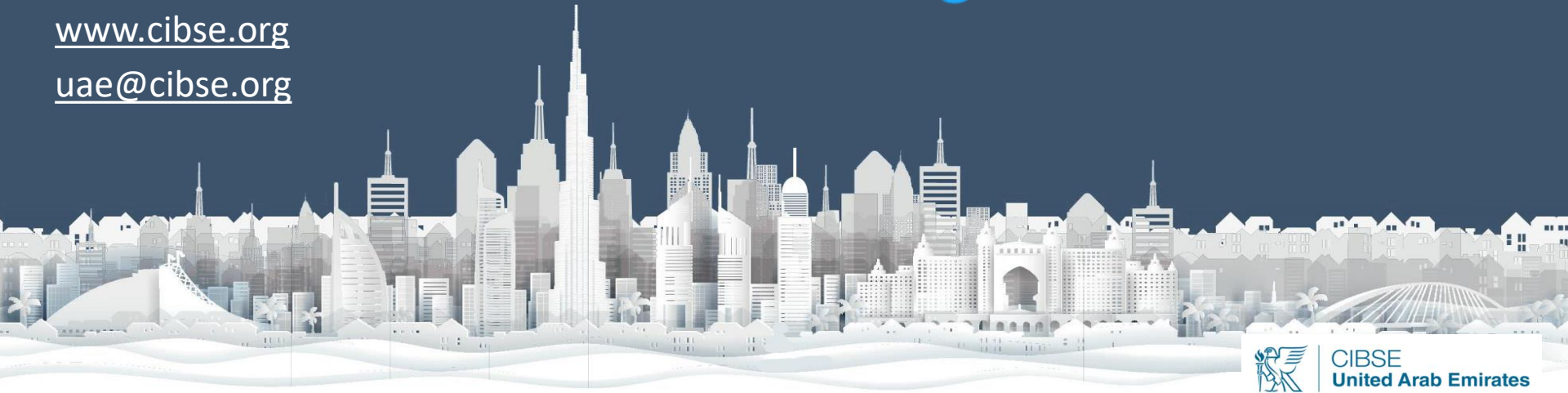


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