Welcome to the Launch Event
Of
Launch of The Minimum Design Standard for Building Services For Dubai

CIBSE UAE
June 10th 2020
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
Launch of The Minimum Design Standard for Building Services For Dubai

Our Speakers

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
Launch of The Minimum Design Standard for Building Services For Dubai

Introduction

June 10th 2020
CIBSE UAE
Objective of the Design Guide
Minimum Design Standards for Mechanical Services
DGD01: 2020

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

Hassan Younes Technical Committee
Contributor, Technical Committee
**Minimum Design Standards for Mechanical services**

**DGD01: 2020**

| 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

Electrical Services
DGD02: 2020

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

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

Keith Perry Past Technical Committee Member

June 10th 2020  CIBSE UAE
Question & Answer Session
Membership Grades

- Fellow
- Member
- Associate
- Licentiate
- Graduate

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- Subscription Fee £ 41 (AED 192)

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- Application fee £ 25 (AED 117)
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Student (Part time)

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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
CLOSING OF THE EVENT
Thank you for Joining us

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