Building Services Overview

Agenda

09:00   Arrival – Registration / coffee / tea

09:30   Session 1: Heating and Cooling
   • Closed circuit water systems – Heating & Cooling
   • Packaged Air Conditioning Systems.
   • Centralised Air Conditioning Systems, including AHUs.
   • HVAC Controls encountered on Commercial Buildings.

11:15   Coffee / tea break (15 mins)

11:30   Session 2: Heating, Cooling & Electrical Services
   • Domestic Hot Water
   • Ventilation and Heat Recovery
   • Combined Heat and Power Systems (CHPs)
   • Lighting
   • LV Electrical Services – Switch Boards, Distribution Boards & Final circuit

13:00   Lunch (45 mins)

13:45   Session 3: Maintenance
   • Maintenance
   • PPM Scheduling
   • Maintenance issues and how they affect system efficacy.
   • Life Cycle of an Asset

15:00   Coffee / tea break (15 mins)

For more information about this course contact the training team:

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15:15 Session 4: Legislation and statutory requirements

- Energy Performance of Building Directive (EPBD)
- Legionella Bacteria Control
- F-Gas requirements
- Regulatory Reform Fire Safety – Fire Risk assessments
- LOLER – Thorough Examination & Inspections
- Electrical Fixed Installation and Portable Appliance testing

16.30 - 17:00 Q & A