

Acknowledgements

K1.21 Types of fixtures and suitability for different building fabrics - PowerPoint 1.21a: Fixtures	
Image description and acknowledgement	
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Close up of screws boggy / Freepik.com	
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K1.16 Scientific principles and concepts as applied to gas Engineering - PowerPoint 1.16a: Introduction to combustion science	
Image description and acknowledgement	
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K1.16 Scientific principles and concepts as applied to gas Engineering - PowerPoint 1.16b: Types of combustion and reactions	
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K1.16 Scientific principles and concepts as applied to gas Engineering - PowerPoint 1.16c: Properties of fuels	
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Image description and acknowledgement

Methane molecule
VasilyevD / Freepik.com

K1.11 Gas and the combustion Process - PowerPoint 1.11a: Combustion chemistry – complete vs incomplete

Image description and acknowledgement

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K1.11 Gas and the combustion Process - PowerPoint 1.11c: Burners and air movement – simplex, duplex and ventilation devices

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K1.11 Gas and the combustion Process - PowerPoint 1.11d: Gas properties – CV, heat input, flame speed, ignition temperature

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K1.11 Gas and the combustion Process - PowerPoint 1.11e: Gas behaviour – flammability, freezing, density, Wobbe Number

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K1.15 Types of gas appliances and their system Requirements - PowerPoint 1.15a: Appliance types and functional differences

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K1.15 Types of gas appliances and their system Requirements - PowerPoint 1.15b: Appliance system requirements

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K1.6 Types of Components and Their Suitability for different appliances and types of systems - PowerPoint 1.6d: Sensor and logic components – thermistors and PCBs

Image description and acknowledgement

Combi gas boiler control panel
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K1.6 Types of components and their suitability for different appliances and types of systems - PowerPoint 1.6f: Appliance types and matching component

Image description and acknowledgement

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Combi gas boiler control panel
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K1.1 Typical hazards and risks associated with working with gas systems and how these can be mitigated - PowerPoint 1.1a: Asbestos
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K1.1 Typical hazards and risks associated with working with gas systems and how these can be mitigated - PowerPoint 1.1c: Carbon monoxide poisoning
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K1.28 Fault-finding techniques, their suitability for different situations and how they are applied in practice - PowerPoint 1.28b: Electrical fault-finding using a multimeter

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K1.28 Fault-finding techniques, their suitability for different situations and how they are applied in practice - PowerPoint 1.28d: Practical diagnosis, planned maintenance and real-world faults

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K1.5 Operation and handling requirements of tools, equipment and materials - PowerPoint 1.5b: Maintenance and calibration of tools and equipment

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