EUSICG2

Plan and prepare to work on gas systems, installations and components for industrial and commercial properties and leisure accommodation

Overview

This standard is about planning and preparing to work on gas systems, installations and components for industrial or commercial properties or leisure accommodation. It is for the non-residential part of the downstream gas industry. It can apply to gas systems, installations and components for any type of fuel gas or combinations of fuel gas.

It includes producing risk assessment and safe systems of work, producing project plans, checking that all systems and components will be compatible and liaising with clients.
This standard is for those planning work on gas systems in non-residential downstream, industrial or commercial properties or leisure accommodation.

Performance criteria

You must be able to:

1. confirm that proposed work activities meet all statutory, industry and manufacturers standards
2. produce risk assessments and safe systems of work which incorporate safety provisions for the work
3. access and use current pre-prepared or generic risk- assessments and safe systems of work when they are available
4. survey work sites for any pre-installation damage or defects to existing building features
5. record any defects found in agreed recording systems and advise responsible person
6. check and confirm all materials, tools and equipment necessary for specified works are available as required and are fit for purpose
7. confirm that new or existing fuel gas services are available and suitable
8. confirm and verify that proposed gas systems, installations and components will not conflict with other existing or proposed electrical, water or ventilation systems
9. produce plans that take account of work and safety requirements
10. check that planned work will comply with legislation, industry standards and manufacturers' instructions
11. plan to reduce waste, safely dispose of it, or where appropriate re-cycle waste materials from work activities
12. confirm with responsible person that they agree plans before jobs start
13. protect work sites and building fabric against possible damage being caused during specified works
14. identify and take appropriate action to deal with any unsafe appliances or system components in existing installations
15. liaise with responsible person and other people who will be affected by work activities to minimise disruption

Knowledge and understanding

You need to know and understand:

1. regulations and guidance governing health and safety in the workplace, environmental protection and the use of risk assessments
2. legislation covering the general responsibilities of the operative for their own safety and that of others
3. sources of information relevant to the work and how to access them including statutory and normative documents, industry standards, guidance documents and manufacturers' instructions
4. the health, safety and environmental factors which need to be incorporated in the risk assessment process
5. aspects of the work that need to be included in risk assessments and safe systems of work including work sites, access work sites, movement of workforce, members of the public and movement and storage of materials, tools and equipment
6. key factors and considerations included in the planning and preparing process
7. aspects of project planning including duration of tasks , dependencies and deadlines
8. tools, equipment, materials and components required for the proposed work activities on gas systems, installations and components
9. tools and equipment necessary to work safely at height or in restricted or confined spaces
10. care, maintenance requirements and checks for safe condition of tools and equipment
11. construction materials and methods for installation of gas systems, installations and components
12. how to purchase and obtain materials and components including availability, advising, checking and delivery procedures
13. the range and operation of gas systems, installations and components
14. how to secure and store tools, equipment, materials and components to minimise loss or wastage
15. methods of working which protect building décor, customer property and existing systems and components
16. how to confirm the suitability and availability of new or existing gas input services
17. the implications on work of new or existing dual fuel gas systems
18. sources of information about other electrical, water or ventilation systems that may have an impact on gas system, installations and components including electricity, water, waste water, ventilation, flue/extraction systems and fresh air systems

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