

EUSNCO304 (SQA Unit Code - FA8F 04)

Ensure your own actions aim to protect the environment



Overview

This unit is designed for the candidate to demonstrate competence in covering responsibilities at work for themselves and others in minimising risks to the environment as a result of work activities on the distribution network. It describes the competences required to ensure that actions do not create any risks to the environment, that the candidate does not ignore significant risks to the environment, and that they take sensible action to put things right, including reporting risks, actioning risk reduction by others, and seeking advice. This includes such things as preventing waste through enforcement notices; actions to reduce customer leakage; reducing the impact of works to streets and roadways; trench sharing; consideration of the use of recycled materials; noise, ground, air and water course pollution, hygiene, health and the use of trenchless technology.

This unit will apply to Network Construction Operations at Level 3 and is intended for Construction Supervisors.

There are two elements in this unit:

1. Identify the risks to the environment arising as a result of network activities
2. Minimise risks to the environment arising as a result of network activities

EUSNCO304 (SQA Unit Code - FA8F 04)

Ensure your own actions aim to protect the environment

Performance criteria

You must be able to:

Identify the risks to the environment arising as a result of network activities

- P1 correctly name and locate the individuals and organisations in the workplace to whom you should report and action environmental matters
- P2 use up-to-date and environmentally-friendly approved procedures and practices which are relevant to your workplace
- P3 identify any current approved procedures and practices in your job role which could cause harm to the environment
- P4 identify any materials, products or equipment used in any part of your job role which could cause harm to the environment
- P5 report, accurately, any differences between legal and approved procedures and practices and the actual use of materials or products hazardous to the environment
- P6 report, promptly, those hazards which present high risks to the persons responsible for environmental matters
- P7 report, concisely and accurately, your environment awareness training needs to the appropriate individuals and organisations

You must be able to:

Minimise risks to the environment as a result of workplace activities

- P8 follow the up-to-date legal requirements and approved procedures and practices for your job role
- P9 control those environmental hazards within your capability and the scope of your job responsibilities
- P10 report, promptly, risks to the environment that you are unable to deal with
- P11 pass on any suggestions for limiting risks to the environment to the responsible persons
- P12 follow suppliers', manufacturers' and approved procedures and practices or the safe use and storage of equipment, materials and products
- P13 follow approved procedures and practices for handling equipment, materials and products hazardous to the environment
- P14 follow approved procedures and practices for disposing of equipment, materials and products hazardous to the environment

EUSNCO304 (SQA Unit Code - FA8F 04)

Ensure your own actions aim to protect the environment

Knowledge and understanding

You need to know and understand:

Identify the risks to the environment as a result of the network activities

- K1 the responsible persons to whom to report environmental matters
- K2 Workplace policies, precautions and procedures relating to controlling risks to the environment
- K3 responsibilities for items (materials/equipment) hazardous to the environment in your job role
- K4 relevant aspects of the Environmental Protection Act and relevant regulations which will affect the workplace
- K5 duties for the environment as defined by any specific legislation covering your job role
- K6 the particular risks to the environment which may be present in your workplace and/or in your own job role
- K7 how to use resources and materials effectively and efficiently
- K8 the importance of remaining alert to the present of hazards to the environment in the whole workplace
- K9 the importance of dealing with or promptly reporting risks to the environment
- K10 substances and processes categorised as hazardous to the environment

You need to know and understand:

Minimise risks to the environment as a result of workplace activities

- K11 the specific workplace environmental procedures covering your job role
- K12 working practices for your own job role
- K13 your own responsibility for controlling hazards to the environment
- K14 workplace requirements for handling hazards to the environment which you are unable to deal with
- K15 suppliers', manufacturers' and workplace instructions for the use of equipment, materials and products hazardous to the environment
- K16 correct handling procedures for materials hazardous to the environment
- K17 relevant aspects of the environmental protection act and relevant regulations which will affect the workplace
- K18 your duties for the environment as defined by any specific legislation covering your job role
- K19 the particular risks to the environment which may be present in your workplace and/or in your own job role
- K20 how to use resources and materials effectively and efficiently
- K21 the importance of remaining alert to the present of hazards to the environment in the whole workplace
- K22 the importance of dealing with or promptly reporting risks to the environment
- K23 substances and processes categorised as hazardous to the environment

EUSNCO304 (SQA Unit Code - FA8F 04)

Ensure your own actions aim to protect the environment

Additional Information

Scope/range related to performance criteria

Identify the risks to the environment as a result of network activities

1. individuals and organisations: customers, contractors, network operatives, colleagues, statutory bodies
2. approved procedures and practices: Health, Safety and Environmental related to the individual and others, organisational, regulatory, statutory, emergency, operational, contingency plans, relevant company policies, relevant client policies (internal or external) approved materials and equipment and procedures, and risk assessments
3. environment: Workplace, people, varying weather conditions, protected areas, pollution, products, workplace and adjacent areas, waste management
4. risks: those which can be eliminated, reduced or controlled
5. types of hazards: restrictions to access and egress, mis-use of tools and equipment, faulty equipment, hazardous substances, hygiene, interference with and from adjacent activities and other utility apparatus, obstructions and exposed apparatus, structures and services

Minimise risks to the environment as a result of workplace activities

6. approved procedures and practices: Health, Safety and Environmental related to the individual and others, organisational, regulatory, statutory, emergency, operational, contingency plans, relevant company policies, relevant client policies (internal or external) approved materials and equipment and procedures, and risk assessments
7. types of hazards: Restrictions to access and egress, miss-use of tools and equipment, faulty equipment, hazardous substances, hygiene, interference with and from adjacent activities and other utility apparatus, obstructions and exposed apparatus, structures and services
8. risks: Those which can be eliminated, reduced or controlled
9. Environment: Workplace, people, varying weather conditions, protected areas, vehicles, products, workplace and adjacent areas, waste management
10. equipment, materials and products: selection of vehicles, tools, ancillary equipment and machines, valves and fittings, pipes and consumables, health, safety and environmental protection equipment, hazardous and non-hazardous materials

EUSNCO304 (SQA Unit Code - FA8F 04)

Ensure your own actions aim to protect the environment

Developed by Energy and Utility Skills

Version number 1

Date approved 2010

Indicative review date 2015

Validity Current

Status Original

Originating organisation Energy and Utility Skills

Original URN NCO304

Relevant occupations Engineering and manufacturing technologies; Engineering

Suite Network Construction Operations

Key words Hazards, risks, harm emergency, statutory requirements, duty of care