

COGH2S2

Perform work in a toxic or non-life supporting atmosphere



Overview

This unit is about performing work in a toxic or non-life supporting atmosphere.

This unit deals with the following:

1. Entering the work site
2. Performing the designated work function
3. Exiting the work site

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

Previous Version: Unit NLS2 – National Occupational Standards for H2S and Other Hazardous Gases – October 2001

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Performance criteria

You must be able to:

- P1 confirm the status of the appropriate Work Permit
- P2 implement the use of an appropriate personnel entry/egress log
- P3 effectively agree, implement and maintain appropriate safety measures within the confines of the work site
- P4 confirm the hazard potential of the ambient work site atmosphere
- P5 commence effective two-way communications between the workers and the off-site operations monitoring personnel
- P6 safely enter the work site
- P7 accurately identify faults and defects in the safety related work and/or escape equipment and take appropriate remedial action
- P8 accurately record all relevant information
- P9 implement and maintain appropriate safety measures effectively
- P10 effectively maintain two-way communications between the work site and off-site operations monitoring personnel
- P11 perform the work site operation effectively, in accordance with appropriate statutory and organisational requirements
- P12 accurately identify faults in the safety equipment and take appropriate remedial action
- P13 work safely in accordance with operational requirements
- P14 exit the work site effectively and safely
- P15 sign off all applicable documentation relating to the exiting of the work site appropriately
- P16 prepare a complete and accurate report of all operations and submit it to the relevant personnel

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Knowledge and understanding

You need to know and understand:

- K1 the principles and limitations of fixed, portable and personal atmospheric monitoring equipment
- K2 the requirements and existence of the Work Permit in operation
- K3 the principles and limitations of inter-personal communications within toxic and non-life supporting environments
- K4 how to check and confirm the applicability of the risk assessment
- K5 how to identify equipment faults and defects and what remedial action is available to you - to include reporting, repairing, recording, replacement and adjustment
- K6 what information should be recorded together with its required frequency
- K7 how to work in a toxic and/or non-life supporting environment
- K8 how to select, use and care for personal protective equipment (PPE) - to include both sight and hearing protection, gloves, footwear, hard hats, respirators and coveralls
- K9 how to use breathing apparatus
- K10 the strengths and weaknesses of the various types of atmospheric monitoring equipment – to include fixed, portable and personal monitors
- K11 how to use emergency escape equipment
- K12 the implications of organisational and statutory requirements
- K13 the hazards associated with working within a toxic or Non-Life supporting atmosphere
- K14 how to interpret operational requirements - to include policies, procedures, instructions, codes of practice and standards
- K15 escape/removal procedures for injured/unconscious personnel within toxic or non-life supporting environments

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Additional Information

Scope/range related to performance criteria

- 1 how to select, use and care for PPE to include both sight and hearing protection, gloves, footwear, hard hats, respirators and coveralls
- 2 how to use breathing apparatus
- 3 the strengths and weaknesses of the various types of atmospheric monitoring equipment - to include fixed, portable and personal monitors
- 4 how to use emergency escape equipment
- 5 the implications of organisational and statutory requirements
- 6 the hazards associated with working within a toxic or non-life supporting atmosphere
- 7 how to interpret operational requirements - to include policies, procedures, instructions, codes of practice and standards
- 8 escape/removal procedures for injured/unconscious personnel within toxic or non-life supporting environments

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Developed by Cogent

Version number 1

Date approved May 2010

Indicative review date May 2012

Validity Current

Status Original

Originating organisation Cogent

Original URN H2S2

Relevant occupations Professional Occupations; Engineering Professionals; Engineering and manufacturing technology; Engineering

Suite H2S & other Hazardous Gases

Key words work, toxic, non-life supporting atmosphere, designated functions, exit site