

Overview

This unit is for those with responsibility for creating water system diagrams for:

- 1 legionella risk assessments
- 2 equipment installation
- 3 engineering remedial works

including:

- 1 system surveys
- 2 mapping pipe routes
- 3 identifying system components
- 4 diagram production

During this work you must take account of the relevant worksite operational requirements, procedures and safe working practices as they apply to you.

Previous Version

None

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Performance criteria

- You must be able to:*
- P1 work safely at all times, complying with health and safety procedures in line with company policies
 - P2 establish the purpose for completing the system diagram
 - P3 establish the production format of the system diagram
 - P4 ensure that all resources are ready and available
 - P5 carry out survey in accordance with company operating procedures
 - P6 record findings in accordance with company operating procedures
 - P7 leave the work place as tidy as it was found
 - P8 produce system diagram(s) in accordance with regulations and guidelines and within an agreed timescale
 - P9 provide system diagrams in accordance with agreed format, presentation method and company procedures
 - P10 provide system diagrams to the relevant person

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Knowledge and understanding

You need to know and understand:

- K1 what your personal responsibilities with regard to health and safety in the working area are
- K2 what your legal responsibility for your own health and safety, and the health and safety of others is
- K3 what working practices ensure that the working environment is conducive to good health
- K4 what the approved codes of practice/working practices are and why it is important to follow them
- K5 how and when to complete a work task risk assessment
- K6 when specific site requirements are in place and what to do to comply with them
- K7 who has requested the system diagram and why
- K8 the format and presentation method required
- K9 the presentation methods available to you
- K10 the survey programme and company procedures to be followed
- K11 what survey procedures are available
- K12 which regulations & guidelines are relevant to the system diagram
- K13 what to do if there is no defined survey procedure
- K14 what resources are required for the survey
- K15 what access equipment can be selected and what is required
- K16 how to identify defective equipment and the action to take
- K17 what the company operating procedures are for recording survey data
- K18 how to produce the system diagram in agreed format and presentation method
- K19 why it is important to leave the work place tidy
- K20 who the relevant person(s) are
- K21 how to get the information to the relevant person(s)

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Additional Information

Glossary

Regulations and guidelines

Includes relevant health, safety and environmental regulations, COSHH, Codes of Practice, British, European and International standards, site procedures

Company operating procedure

Includes company requirements, instructions and method statements

System diagram

As defined by the recipient or by regulatory standard

Health and safety

PPE, access equipment, asbestos

Format Drawing quality required including schematic, draft, P&ID, plan, engineering

Resources

Personal protective equipment, company documentation, identification, access equipment, contacts

Presentation method

Hand drawn, computer generated, drawing software, hard/soft copy

Relevant person

As defined in the programme design, log book, company procedures

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Developed by Cogent SSC

Version number 1

Date approved January 2012

Indicative review date January 2015

Validity Current

Status Original

Originating organisation Cogent SSC

Original URN COGWT16

Relevant occupations Engineering and manufacturing technologies; Manufacturing technologies; Process, Plant and Machine Operatives; Process Operatives

Suite Water Treatment Management

Key words Water; treatment; system; diagrams
