

COGPOLY39

Meet safety, health and environmental requirements in the workplace



Overview

This unit is for those with responsibilities for meeting safety, health and environment requirements in the workplace. It is suitable for process industries personnel who work within an organisational context which provides them with specifications to work to and criteria for choosing between possible causes and solutions to the sorts of problems that can arise.

This unit deals with the following:

1. Comply with safety, health and environment requirements in the workplace
2. Respond to accidents and incidents within the workplace

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

Previous Version

Adapted from Unit M1 of Polymer Processing and Related Operations NOS – version November 2004. NB This unit is a tailored version of a Combined Working Practices unit produced by PINTOG, which was originally designated Unit 1.

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Performance criteria

- You must be able to:*
- P1 check that all guards and protective devices are in position and working before starting the equipment
 - P2 use all work items provided in your workplace correctly
 - P3 use personal protective equipment correctly and keep it in a fit state for use
 - P4 report the loss or any obvious defects in personal protective equipment to the appropriate person immediately
 - P5 keep your work area in safe, clean and tidy condition
 - P6 use safe manual handling and lifting techniques when dealing with heavy and bulky items
 - P7 follow the designated procedures to deal with hazards encountered at work
 - P8 report any accidents, potential hazards and hazardous incidents in your work area promptly to the responsible person
 - P9 conduct and present yourself in the workplace in ways that are safe and do not pose hazards for others
 - P10 minimise the production of waste in the operations for which you are responsible
 - P11 request appropriate assistance without delay on discovering an accident
 - P12 take steps, on discovering an accident, which will limit further injury or damage
 - P13 comply fully and promptly with emergency response procedures if you identify an emergency or an emergency alert is given
 - P14 provide accurate and complete information on accidents and incidents in accordance with required procedures

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Knowledge and understanding

You need to know and understand:

- K1 what your responsibilities are in respect of health and safety and environment
- K2 where to obtain details about safety, health and environmental protection
- K3 the importance of complying with the environmental policy and objectives
- K4 what hazards to the environment can arise from processing operations and how to recognise them
- K5 the principles of safe manual handling
- K6 what environmental monitoring records are kept
- K7 what safety standards apply to your working environment
- K8 what the hazards associated with your working environment are, and the risks they pose
- K9 the effects of noise on hearing and how to use noise control equipment and ear protection
- K10 what risk control measures are in place and why it is important to comply with them
- K11 who to report accidents, incidents, hazards and breaches of safety standards to
- K12 what personal protective equipment is appropriate to different tasks, and how to use and maintain it
- K13 how to prevent emergencies such as fires, spillages etc.
- K14 what actions to take in an emergency
- K15 what alarm systems are used and when to use them
- K16 the action to take on hearing an alarm
- K17 the location and, where appropriate, the use of fire-fighting equipment
- K18 the effects of emergency shutdown
- K19 when and how to use different types of emergency response equipment

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Additional Information

Glossary

Machine

Equipment and tools used in polymer processing

Personal protective equipment

Eye protection, hearing protection, safety gloves, safety footwear, hard hats, respirators and PPE for working in sterile areas

Conduct

Behaving safely when working alone and as a member of a team

Report hazards

Those that arise from fittings, fixtures and environmental factors in the workplace, the use and disposal of materials and substances, the use and care of equipment and machinery and accidental breakages and spillages

Procedures

The following types of emergency: fire, contamination (e.g. from leaks, spillages, gas emission), accident and injury to persons

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Developed by Cogent

Version number 1

Date approved January 2010

Indicative review date January 2012

Validity Current

Status Original

Originating organisation Cogent

Original URN POLY39

Relevant occupations Professional Occupations; Engineering Professionals; Engineering and manufacturing technologies; Manufacturing technologies

Suite Polymer Processing and Related Operations

Key words comply, meet, health, safety, environment, requirements, workplace, respond, accidents