
Overview

This unit is about finishing products to achieve the required product specifications and quality standards. It is suitable for people who work within an organisational context that provides them with procedures to work to and criteria for making decisions and taking actions. The finishing process may apply to new or re-treaded tyres, plastic mouldings, extrusions or any other polymer product that requires a finishing operation.

This unit deals with the following:

1. Finish products

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 C9 of Polymer Processing and Related Operations NOS – version November 2004.

COGPOLY17

Finish products

Performance criteria

You must be able to:

- P1 work safely at all times, complying with health and safety and other relevant regulations and guidelines
- P2 use appropriate work methods and techniques to achieve the product specification and production requirements
- P3 complete finishing operations to minimise downtime and wastage and risks of damage or danger to people, products and the environment
- P4 dispose of waste materials in accordance with organisational and legal requirements
- P5 forward finished components to the next operation to meet production requirements

COGPOLY17

Finish products

Knowledge and understanding

You need to know and understand:

- K1 how to interpret and use product specifications to identify finishing requirements
- K2 what work methods and techniques to use to achieve different product specifications
- K3 what potential hazards are associated with finishing processes and the appropriate actions required to minimise risk to people, property and the environment
- K4 the importance of achieving production requirements and the consequences of not doing so
- K5 the effects of downtime and wastage and how these can be minimised
- K6 the importance of disposing of waste materials safely and how to do this
- K7 the organisational requirements for maintaining the condition, safety and security of finished products
- K8 what working practices and authorisations apply
- K9 what sorts of records are kept and how to complete them
- K10 what agreed workplace health and safety procedures relate to controlling risks to Health and Safety in the process environment
- K11 the specific organisational Health and Safety procedures covering finishing operations
- K12 what safe working practices apply to your own job role in carrying out finishing operations
- K13 what personal protective equipment should be used, how to fit and use it correctly and how to deal with defective equipment
- K14 your scope and responsibility for dealing with potential hazards in the work area
- K15 the workplace procedures for reporting potential hazards you are unable to deal with

Additional Information

Glossary

Regulations and guidelines

All relevant health, safety and environmental regulations, organisational procedures and guidelines, standard operating procedures

Work methods and techniques

Trimming, minor assembly and packing

Product specification

Finishing requirements, quantity, quality

Production requirements

Production schedule, rate of production, quality of output

COGPOLY17

Finish products

Developed by Cogent

Version number 1

Date approved January 2010

Indicative review date January 2012

Validity Current

Status Original

Originating organisation Cogent

Original URN POLY17

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

Suite Polymer Processing and Related Operations

Key words finish, products, specifications, quality, standards, processes