

COGPPRO18

Unit 18: Inspect Products within Polymer Processing and Related Operations



Overview

This unit is about inspecting 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 inspecting 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. Inspect products

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

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Performance criteria

- You must be able to:*
- P1 Work safely at all times, complying with health and safety, environmental and other **relevant regulations, legislation and guidelines** in accordance with company procedure
 - P2 Carrying out the required product quality checks to ensure that finished products meet the relevant quality standards in accordance with organisational procedures
 - P3 Identify non-conforming products and take appropriate **actions** to segregate, mark and report these in accordance with organisational procedures
 - P4 Identify and label finished products that comply with the required quality standards and meet organisational requirements
 - P5 Stack and store finished products to ensure their safety and security and prevent damage
 - P6 Maintaining the records required for monitoring production, quality and product identification on the relevant documentation
 - P7 Deal with **problems** within your responsibility and report any you cannot deal with in accordance with company procedures

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Knowledge and understanding

You need to know and understand:

- K1 The specific organisational health, safety and environmental policies and other **regulations, legislation and guidelines** for your work area and why they are important
- K2 The different types potential **hazards**, how they can be minimised and the action to take in the event of a work area hazard
- K3 What the workplace procedures are for reporting potential **hazards** you are unable to deal with
- K4 When, which and how personal protective equipment should be used
- K5 The importance of checking equipment, how to do this and to whom you should report defects
- K6 What risks are associated with the working environment
- K7 What risk control measures are in place and how to comply with them
- K8 Where to find **work procedures** and production requirements and how to interpret these
- K9 What sort of records are kept and how to complete them and the implications of not maintaining them accurately and legible
- K10 The importance of disposing of waste **materials** safely and how to do this
- K11 The sorts of **Problems** that might occur and who you should report these to
- K12 The purpose and importance of product quality checks, and when and how these should be carried out
- K13 The importance of identifying non-conforming products and the **actions** to take in response to these
- K14 The different types of documentation that is required

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Additional Information

Glossary

1. **Documentation:** Records, analysis sheets, report sheets, log book
2. **Regulations/Legislation/Guidelines:** organisational procedures and guidelines, Work place Policies, Health, safety and environmental requirements and regulations relevant to the work and work area being carried out.
3. **Problems:** services, equipment, materials, products; incomplete procedures, imprecise instructions, inaccurate information, damage, wear, malfunction, variances in material supplies, non-conforming materials or products
4. **Hazards** and control measures: waste, spillage, obstructions, hazardous materials. personal protective equipment
5. **Materials:** raw materials, part-processed materials, re-processed materials, finished products, process related materials, e.g. packaging, processing equipment and waste materials
6. **Operating Procedures/Work Procedures:** Work instructions, Method Statements, Standard Operating Procedures.
7. **Actions** to deal with non-conforming products: segregate, mark or label, record, report

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