

# COGPACK7

## Research information and develop packaging design ideas



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### Overview

This unit deals with the following:

- 1 Gather information and visuals that support the client's requirements
- 2 Develop ideas from source material to meet agreed design objectives

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

Unit 1.7 SEMTA National Occupational Standards in Packaging (STM4)

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### Performance criteria

- You must be able to:*
- P1 confirm the expectations and preferences of the decision-maker for the project
  - P2 identify accurately the target users of the design and record their needs
  - P3 identify accurately the limitations and constraints of the client brief
  - P4 identify accurately the technical, legal and regulatory requirements for design realisation
  - P5 verify the accuracy and currency of information
  - P6 make a positive contribution to agreeing an approach to the project
  - P7 evaluate objectively the suitability of the information and visuals
  - P8 ensure that your evaluation is practical and addresses the requirements of the brief
  - P9 record your conclusions in the appropriate format
  - P10 use drawing and/or modelling as an investigative tool to develop alternative ideas
  - P11 originate ideas in line with the agreed design brief by using relevant research
  - P12 ensure that your design ideas are practical and address the requirements of the brief
  - P13 present your developing ideas clearly to others involved in the project
  - P14 keep the decision-maker(s) and team members up to date with your developing thinking and any issues or problems
  - P15 contribute effectively to evaluating the effectiveness of your developing ideas in meeting the design objectives
  - P16 record all relevant information, visuals and agreements according to your organisation's procedures

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### Knowledge and understanding

*You need to know and understand:*

- K1 who are the decision makers and the importance of keeping them informed
- K2 the requirements of the client's brief and how the product is to be used
- K3 current trends in design
- K4 the requirements of the manufacturing process
- K5 the roles and responsibilities of those involved in the manufacturing process
- K6 the requirements of relevant legislation and regulations
- K7 the requirements of relevant quality standards
- K8 sources of information (written and visual) and their respective advantages and disadvantages
- K9 the use of information retrieval systems
- K10 your organisation's procedures for recording information

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### Glossary

- 1 **Evaluation Considerations**  
Creative, technical viability
- 2 **Quality Standards**  
Organisational, the client's
- 3 **Products**  
New products, modifications to existing products
- 4 **Working**  
Independently, with others

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

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**Suite** Packaging

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**Key words** information, client's requirements, develop ideas, research, source material, design objectives