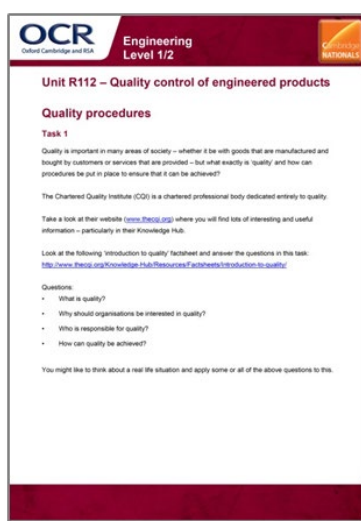# Unit R112 – Quality control of engineered products

# Quality procedures

## *Instructions and answers for teachers*

*These instructions should accompany the OCR resource **'Quality procedures'** activity which supports OCR Cambridge Nationals in Engineering.*



**The Activity:**

This resource comprises of 1 task.


*This activity offers an opportunity for English skills development.*

**Associated materials:**

'Quality procedures' activity sheet

**Suggested timings:**

**Task 1**: 1 hour

## Task 1

In this activity learners are required to investigate quality and to answer a series of questions. A link has been provided to the Chartered Institute of Quality (CQI) website – www.thecqi.org

Teachers may find this website useful – particularly the Knowledge Hub section where there are factsheets, case studies and videos.

Teachers might also find it useful to contextualise quality in terms of everyday activities such as manufactured engineering items, and delivery of services (eg maintenance).

Learners have been directed to a fact sheet on 'what is quality' and presented with questions to answer. The activity might be undertaken individually, in pairs or in groups, with feedback in various forms – including a group discussion. Learners should be able to directly identify answers to the questions from the factsheet.

http://www.thecqi.org/Knowledge-Hub/Resources/Factsheets/Introduction-to-quality/

Questions:
- What is quality?
- Why should organisations be interested in quality?
- Who is responsible for quality?
- How can quality be achieved?

Learners are further tasked to consider how they might apply these to a real life situation.

Teachers might use this activity as an introduction to further quality concepts including quality control, quality standards and total quality management.

The CQI website contains further useful factsheets, such as the following on total quality management:

http://www.thecqi.org/Knowledge-Hub/Resources/Factsheets/Total-quality-management/

To give us feedback on, or ideas about the OCR resources you have used, email resourcesfeedback@ocr.org.uk