



An Chomhairle Náisiúnta Curaclaim agus Measúnachta National Council for Curriculum and Assessment

# Junior Cycle Engineering Classroom-Based Assessment 2: Example of Student Work 04

January 2024



# Teacher annotations using the Features of Quality

The annotations capture observations by the teacher, using the features of quality, with a view to establishing the level of achievement this work reflects. The annotations and judgments were confirmed by a Quality Assurance group, consisting of practising teachers and representatives of the NCCA, the Inspectorate, the State Examinations Commission and the Oide support service.

# **Teacher annotations**

#### **Research and analysis:**

The research method chosen was appropriate for their area of learning and generated a suitable analysis. The student referenced secondary sources for each steering system presented. Where appropriate, the use of primary sources could have complimented the student's analysis of the concepts.

#### **Exploring concepts:**

The response demonstrated some level of understanding of concepts relevant to the theme. This was evidenced by a brief overview given for each steering system, and by some understanding demonstrated in relation to a rack and pinion system. A higher level of understanding of concepts relating to the operation of a steering system could have been demonstrated using a prototype model.

#### Communicating their work:

The findings were well presented using an annotated sketch and pictures on a poster display. The student carefully considered what information best communicated their Classroom-Based Assessment with key points highlighted using coloured information notes.

**Overall judgement:** 



# In line with expectations