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|  | **LEVEL 1 / 2 VOCATIONAL AWARD IN ENGINEERING****UNIT 1: MANUFACTURING ENGINEERING PRODUCTS (5799U1)****Assessment Record Sheet (ARS)** |  |

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| **Centre Name:** | **Centre Number:** |  |  |  |  |  |
| **Candidate Name:** | **Candidate Number:** | 4 |  |  |  |  |

| **Task** | **Assessor comments***(if not supported by annotations throughout candidate’s work, summative comments must be detailed and comprehensive to fully justify mark/s awarded)* | **Mark awarded** |
| --- | --- | --- |
| **AO1** | **AO2** | **AO3** |
| 1a | Examine the provided engineering information to:• identify the key parts and / or components to be produced• analyse the required key information to produce the engineered product prototype. |  | / 4 |  | / 6 |
| 1b | Collate the technical information needed to produce the engineered product in the workshop, including parts and / or components needed to complete the assembly to the given specification. |  | / 4 |  |  |
| 2a | Select:• suitable materials to produce the component parts from the engineering information, including identifying material stock and stock sizes• necessary tools and equipment to produce the component parts from the engineering information. |  |  | / 10 |  |
| 2b | Using the provided engineering information, plan the stages of producing component parts. |  |  | / 10 |  |
| 2c | Assess the potential risks for the main production stages involved in the production of the engineered prototype and recommend Health and Safety control measures to counter those risks. |  |  |  | / 6 |
| 3 | Produce an engineering outcome based on the details and data provided. |  |  | / 16 |  |
| 4a | In the production of your engineering outcome, the candidate must:• apply skills in a range of engineering processes• use a range of suitable materials. |  |  | / 12 |  |
| 4b | Write a report that: • evaluates the quality of the final prototype against the criteria given in the engineering drawings and specification • evaluates your own practices and processes • suggests improvements where appropriate. |  |  |  | / 12 |
| **Total marks** |  **/ 8** |  **/ 48** |  **/ 24** |
|  **/ 80** |

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| **Assessor Name:** |
| I confirm that the evidence submitted by the candidate has been produced under the controlled conditions set out in the assignment tasks by the learner. I have authenticated the learner’s work and I am satisfied that to the best of my knowledge the work produced is solely that of the learner. The learner has clearly referenced any sources and any AI tools used in the work. I understand that a false declaration is a form of malpractice.The work has not been submitted for any other qualification. |
| **Assessor Signature:** | **Date: / /**  |