| **Alternative Evidence Gathering Template – Internal Assessment** | | | | | | | | | | | | | | | |  | |
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| These templates must only be used to record student achievement and report results where remote assessment is the only practical option and the collection of direct assessment evidence from students has not been at all possible. ‘Alternative Evidence’ is student evidence for internally assessed standards that has been seen or heard within the teaching and learning programme. These templates do not signal a reduction in what is accepted for each grade, but rather a means of summarising evidence for reporting. These templates must be viewed in conjunction with the standard and assessment advice forwarded to schools to ensure that valid, credible and reliable assessment and learning has occurred before the standard is awarded. While physical evidence of student work does not need to be attached, the assessor decisions made must also be verified internally before reporting results. | | | | | | | | | | | | | | | |
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| Student ID | | Student 1 | | | | | | | | | | | Subject | Generic Technology | | Level | 3 |
| Notes | |  | | | | | | | | | | | Standard No. | 91618 | | Version | 3 |
| Standard Title | | Undertake development and implementation of a green manufacturing process | | | | | | | | | | | | | | Credits | 6 |
|  | | | | | | | | | | | | |  | | |  | |
| **Achieved** | | | | | | | | | **Merit** | | | | | | **Excellence** | | |
| Undertake development and implementation of a green manufacturing process. | | | | | | | | | Undertake in-depth development and implementation of a green manufacturing process. | | | | | | Undertake comprehensive development and implementation of a green manufacturing process. | | |
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| **Key requirements (list):** | | | | | | A | | | M | | | E | **Describe or attach the evidence considered.** | | | **Explain how the judgement was made.** | |
| Explaining how green considerations impact on design decisions relating to manufacturing processes and products. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Analysing a technological outcome to determine its suitability for green manufacture. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Making design changes as required for the technological outcome guided by good design judgement criteria. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Establishing specifications, including tolerances, required of the outcome that is to be manufactured within the constraints and opportunities of the manufacturing location. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Selecting a green manufacturing process and quality control procedures to enable units to meet the established specifications and tolerances. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Organising resources and ensuring procedures are carried out accurately in keeping with relevant codes of practice. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Overseeing the manufacturing process and discussing its success in meeting green considerations. | | | | | | ☐ | | |  | | |  |  | | |  | |
| Discussing how green considerations are having an increasing influence on technological outcomes and their manufacture. | | | | | |  | | | ☐ | | |  |  | | |  | |
| Monitoring the manufacturing process and refining as required. | | | | | |  | | | ☐ | | |  |  | | |  | |
| Evaluating the success of the manufacturing process in meeting green considerations. | | | | | |  | | | ☐ | | |  |  | | |  | |
| Discussing how and why quality management procedures have been important in changing manufacturing practices to better support green considerations. | | | | | |  | | |  | | | ☐ |  | | |  | |
| Justifying the level of success the manufacturing process has attained in meeting green considerations. | | | | | |  | | |  | | | ☐ |  | | |  | |
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| **Sufficiency statement** | | | | | | | | | | | | | **Internal Verification** | | | | |
| Achievement | All of A is required ☒ | | | | | | | | | | | | Assessor: Date: | | | | |
| Merit | All of A and M is required ☒ | | | | | | | | | | | | Verifier: Date: | | | | |
| Excellence | All of A, M and E is required ☒ | | | | | | | | | | | | Verifier’s school: | | | | |
| MARK OVERALL GRADE | | | N ☐ | A ☐ | | | | M ☐ | | | E ☐ | | Comments: | | | | |

For the purpose of national external moderation:

* only six WORD templates are required where available
* samples are not required to be randomly selected
* there should be one each of N, A, M, E and up to 2 others
* descriptions of evidence and explanations of judgements are not required for all other students, and a spreadsheet may be used.