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| Title | **Perform the quality control** |
| Level | **3** | **Credits** | **7** |

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| Purpose | The competency standard is designed to understand the importance of quality control of the raw material and the fired products. |

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| Classification ISCED | 0214 Handicrafts |

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| Available grade | Competent / Not yet competent |

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| Modification history | N/A |

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| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** |
| **I1. Evaluate the Ceramics raw materials** | **Trainee will be able to:****P1.** Inspect the raw materials visually**P2.** Test the Plasticity **P3.** Check the Mesh size **P4.** Check the Moisture**P5.** Inspect the Colour after firing**P6.** Identify the raw materials | **Trainee will be able to:****K1.** Identify the different raw materials**K2.** Describe the different physical testing used for raw material like moisture, plasticity, colour and mesh size |
| **I2. Identify the defects on glazed surface** | **Trainee will be able to:****P1.** Identify different types of defects**P2.** Inspect the glaze defects visually e.g. pinhole, crazing, shivering & crawling etc. | **The Trainee will be able to:****K1.** Analyse the different defects in glaze surface |
| **I3. Identify the defects of fired body** | **The Trainee will be able to:****P1.** Identify different types of defects**P2.** Inspect the different defect in body like warpage, crack and dents etc. | **The Trainee will be able to:****K1.** Catagorised the different defects on fired body**K2.** Explain defects of different types of bodies |

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| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** |
| **I4. Perform grading of the products** | **Trainee will be able to:****P1.** Make grading on the basis of defects**P2.** Draw the table for the grading | **Trainee will be able to:****K1.** Understand the importance of grading |