SEG Awards Level 2

Motor Vehicle Studies

**Underpinning Knowledge Evidence Record**

Y/501/7020 Introduction to Vehicle Refinishing

(Level 1)

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| --- | --- |
| **Learners Name** |  |
| **SEG Awards Registration Number** |  |
| **Centre Name** |  |
| **Assessor 1 Name**  |  |
| **Assessor 2 Name**  |  |

**DECLARATION OF AUTHENTICITY**

This declaration must be completed and signed by the learner and countersigned by the tutor / assessor and covers all evidence submitted for moderation.

|  |  |
| --- | --- |
| Learner Name |  |
| Unique Learner Number (ULN) |  | SEGLearner Reg. ID |  |
| Qualification Title |  |
| Centre Name |  |

# Learner statement of authenticity

**Before signing please read the guidance below**.

I confirm, that the attached assignment / portfolio is all my own work[[1]](#footnote-1) and does not include any work completed by anyone other than myself. I have completed the assignment / portfolio in accordance with SEG Awards’ instructions and within the time limits set by my centre.

|  |  |  |  |
| --- | --- | --- | --- |
| Signature |  | Date |  |

# Centre confirmation of authenticity

On behalf of …………………………………….(insert centre name), I confirm that the above mentioned learner, to the best of my knowledge, is the sole author of the completed assignment / portfolio attached, and the assessments have been completed under the required conditions.

|  |  |  |  |
| --- | --- | --- | --- |
| Signed |  | Date |  |
| Name |  |
| Title |  |

**Guidance for Learners**

You have been asked to sign this Declaration of Authenticity and place it at the front of your portfolio or course work assessment. It confirms that the work you have submitted for assessment is your own and that you have not copied it from someone else or allowed another learner to copy it from you.

When preparing any course work it is good practice to undertake research using information from published sources. If you quote directly from these sources then this must be indicated in your work by using quotation marks and referencing the document from which the quotation was taken. You must then comment in your own words on any ideas expressed.

Assessors, internal verifiers and SEG Awards’ external moderators and verifiers are subject specialists who can spot the use of published materials that may be passed as your own words or ideas.

If you do copy words from a published source and do not indicate their reference you will be committing plagiarism. This is considered a form of cheating and may result in your assessment being declared void.

**Contents**

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| **Task No** | **Title** | **Assessment Criteria** |
| 1 | Prepare surface for painting | 2.1, 2.2, 3.1, 3.2, 3.3  |
| 2 | Application of primers | 4.1, 4.2, 4.3 |
| 3 | Application of top coat | 5.1, 5.2, 5.3 |
| 4 | Application of top coat | 6.1, 6.2 |
| 5 | Compounding newly painted panel | 7.1, 7.2 |

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| **Task 1 - Prepare surface for painting** | **Assessment Criteria 2.1, 2.2, 3.1, 3.2, 3.3**  |

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| **Tool List** | **Safety Equipment** | **Materials List** |
| **Power Tools** |  | **Abrasives** |
| **1.** | **1.** |
| **2.** | **2.** |
| **Hand Tools** | **Substrate Identification** |
|  |  |
| **Instructions to Learners** 1. Identify the substrate to be painted2. Select and use appropriate abrasives to prepare the surface to receive primer3. Mask prepared area as appropriate |

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| **Assessor Checklist** | **Achieved****Y/N** |
| PPE selected and used correctly |  |
| Methodical procedures used |  |
| Tools and materials list completed |  |
| Safety equipment listed |  |

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| **Assessor Declaration**In signing this sheet the assessor and learner confirm that all the operations in this task were carried out by the named learner and the learner observed safe working practices at all times.Assessor Signature……………………………………………………............Date……………….Learner Signature ………………………………………………………..……Date………………… |

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| **Task 2 - Application of primers** | **Assessment Criteria 4.1, 4.2, 4.3** |

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| **Tool List** | **Safety Equipment** | **Materials List** |
| **Power Tools** |  | **Abrasives** |
| **1.** | **1.** |
| **2.** | **2.** |
| **Spray Gun Used** | **Substrate Identification** |
|  |  |
| **Instructions to Learners** 1. Select and use appropriate abrasives and cleaners to prepare the surface to receive primer2. Apply primer to surface to industry acceptable standard and using industry acceptable equipment whilst conforming to all health and safety legislation3. Clean and service the paint application equipment to an acceptable standard and following health and safety and COSHH legislation. |

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| **Assessor Checklist** | **Achieved****Y/N** |
| PPE selected and used correctly |  |
| Methodical procedures used |  |
| Tools and materials list completed |  |
| Safety equipment listed |  |

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| **Assessor Declaration**In signing this sheet the assessor and learner confirm that all the operations in this task were carried out by the named learner and the learner observed safe working practices at all times.Assessor Signature……………………………………………………............Date……………….Learner Signature ………………………………………………………..……Date………………… |

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| **Task 3 - Application of top coat** | **Assessment Criteria 5.1, 5.2, 5.3** |

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| **Tool List** | **Safety Equipment** | **Materials List** |
| **Power Tools** |  | **Abrasives** |
| **1.** | **1.** |
| **2.** | **2.** |
|  | **Substrate Identification** |
|  |
| **Instructions to Learners** 1. Select and use appropriate abrasives and cleaners to prepare the surface to receive top-coat2. Select and use appropriate abrasives and cleaners to prepare the surface to receive primer3. Apply top-coat to surface to industry acceptable standard and using industry acceptable equipment whilst conforming to all health and safety legislation4. Clean the paint application equipment to an acceptable standard and following health and safety and COSHH legislation. |

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| **Assessor Checklist** | **Achieved****Y/N** |
| PPE selected and used correctly |  |
| Methodical procedures used |  |
| Tools and materials list completed |  |
| Safety equipment listed |  |

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| **Assessor Declaration**In signing this sheet the assessor and learner confirm that all the operations in this task were carried out by the named learner and the learner observed safe working practices at all times.Assessor Signature……………………………………………………............Date……………….Learner Signature ………………………………………………………..……Date………………… |

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| **Task 4 - Application of top coat** | **Assessment Criteria 6.1, 6.2** |

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| **Instructions to Learners** 1. Use a previously painted panel to identify the paint defects listed below:
2. Complete the table by entering the cause and rectification procedure for each defect.
 |
| **Paint Defect** | **Cause** | **Rectification** |
| **Runs** |  |  |
| **Orange peel** |  |  |
| **Dirt inclusion** |  |  |
| **Sanding marks** |  |  |
| **Poor opacity** |  |  |
| **Crazing/cracking** |  |  |

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| **Assessor Checklist** | **Achieved****Y/N** |
| Correct cause identified |  |
| Correct rectification |  |

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| **Assessor Declaration**In signing this sheet the assessor and learner confirm that all the operations in this task were carried out by the named learner and the learner observed safe working practices at all times.Assessor Signature……………………………………………………............Date……………….Learner Signature ………………………………………………………..……Date………………… |

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| **Task 5 - Compounding newly painted panel** | **Assessment Criteria 7.1, 7.2** |

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| **Tool List** | **Safety Equipment** | **Materials List** |
|  |  | **1.** |
| **2.** |
| **Paint Identification** |
|  |
| **Instructions to Learners** 1. Select a surface that has recently been painted with top-coat2. Identify the paint applied3. Select and use the appropriate equipment and materials to compound the surface4. Apply appropriate surface protection to industry acceptable standard |

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| **Assessor Checklist** | **Achieved****Y/N** |
| PPE selected and used correctly |  |
| Methodical procedures used |  |
| Tools and materials list completed |  |
| Safety equipment listed |  |

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| **Assessor Declaration**In signing this sheet the assessor and learner confirm that all the operations in this task were carried out by the named learner and the learner observed safe working practices at all times.Assessor Signature……………………………………………………............Date……………….Learner Signature ………………………………………………………..……Date………………… |

1. Unless otherwise stated e.g. for some entry level qualifications, learners can work together but should identify sections which are their own work. [↑](#footnote-ref-1)