SEG Awards Level 2

Motor Vehicle Studies

**Underpinning Knowledge Evidence Record**

L/600/7448 Understanding Windscreen Repair and System Maintenance

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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.

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| --- | --- |
| 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.

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| --- | --- | --- | --- |
| 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.

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| 2 | Resins | 3.1, 3.2, 3.3 |
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| 5 | Windscreen repair problems | 8.1, 9.1, 9.2, 10.1 |
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| **Task 1 - Windscreen repair system process** | **Assessment Criteria 1.1, 1.2, 2.1, 2.2** |

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| **Explain the repair process specified by the system manufacturer, with reference to health and safety and methods of work** |
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| **In the table below list the specified repair process and problems that may arise if the process is not followed correctly** |
| **List the manufacturers specified process for windscreen repair** | **Problems that can arise if process is not followed correctly** |
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| **Explain the importance of making sure the kit contains all necessary equipment and consumables** |
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| **Explain where to obtain items required to replenish the repair kit and when this should be done** |
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| **Task 2 - Resins** | **Assessment Criteria 3.1, 3.2, 3.3** |

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| **Describe the purpose of resins in automotive repairs, how to check a resin is suitable for use and the problems that could arise if a non-approved or out of date resin is used** |
| **Purpose of Resin** | **Suitability Checks** | **Problems** |
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| **Task 3 - Types of windscreen** | **Assessment Criteria 4.1, 4.2, 5.1, 5.3** |

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| **In the table below describe the construction of at least 2 types of laminated glass used in windscreens** |
| **Type of laminated glass used in windscreens** | **Describe the construction** |
| **1.** |  |
| **2.** |  |

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| **Identify a type of windscreen that cannot be repaired** |
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| **Explain why damage that extends to the PVB layer or integral heater elements should not be repaired** |
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| **Explain how to avoid damaging the PVB layer or integral heater elements when carrying out a windscreen repair** |
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| **Task 4 - Windscreen repair standards** | **Assessment Criteria 6.1, 6.2, 6.3, 7.1** |

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| **Name the British Standard relating to Windscreen Repair** |  |
| **What does this standard refer in terms of windscreen repair?** |
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| **Describe 2 limitations that this standard states** |
| **1.** |
| **2.** |

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| **In the table below explain the MOT regulations relating to repairable zones and windscreen damage** |
| **Damage and Zones** | **Explain MOT regulations on windscreen damage**  |
| **Zones** |  |
| **Size of damage permissible**  |  |

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| **Task 5 - Windscreen repair problems** | **Assessment Criteria 8.1, 9.1, 9.2, 10.1** |

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| **Complete the table below explaining how the listed problems can affect the feasibility of carrying out a repair** |
| **Problem** | **Explain how the problem could affect the feasibility of carrying out a repair** |
| **Weather conditions** |  |
| **Age/condition of damage** |  |
| **Proximity of 2 types of damage** |  |
| **Size of impact point** |  |
| **State who should be made aware of any problems or potential problems during the repair process** |
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| **Explain when they should be Informed and why it is important to do so** |
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| **In the table below explain how to deal with the following repair problems** |
| **Problem** | **Explain how to appropriately deal with the problem** |
| **Damage that prevents attempting the repair** |  |
| **Damage made worse during repair** |  |
| **Damage that is not repaired to the customers satisfaction** |  |

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| **Task 6 - Recording information**  | **Assessment Criteria 11.1, 11.2** |

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| **Explain what information should be recorded before, during and after a windscreen repair** |
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| **Explain why the information should be recorded and the implications of not recording the information fully and correctly** |
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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)