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| Overview | This standard requires the candidate to cut automotive glass, i.e. laminated safety glass, for installation in vehicles. The dimensions of the glass have to be measured so that the correct glass size is cut. In addition, the correct type of glass has to be installed to meet various requirements (e.g. windscreens and side screens), including health and safety. The glass then has to be cut carefully to ensure it fits into the aperture. |

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| **Performance criteria**  You must be able to: | 1. comply with health and safety requirements and procedures at all times 2. identify and assess any complex requirements that affect the shaping of the automotive glass 3. ensure appropriate measuring equipment is used and that it is accurate 4. obtain the correct specification for the automotive glass 5. ensure quality assurance requirements are satisfied 6. identify and prepare a suitable location for shaping the automotive glass 7. position the automotive glass correctly for cutting, shaping and finishing 8. cut, shape and finish the automotive glass correctly according to the specification 9. monitor the cutting, shaping and finishing to ensure it achieves the specification 10. ensure that the glass is marked with the correct British or European marking 11. use the automotive glass effectively to minimise wastage 12. store finished product to minimise damage and correctly dispose of waste 13. record information on the cutting, shaping and finishing of automotive glass in the appropriate information systems |

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| Knowledge and understanding  You need to know and understand:  You need to know and understand:  You need to know and understand:  You need to know and understand:  You need to know and understand: | **Health and safety**   1. the relevant health and safety responsibilities and obligations   **Automotive glass**   1. what type of automotive glass is used for different purposes, and what are their features 2. what are the methods for obtaining the correct specification for automotive glass 3. what is the correct equipment for measuring and shaping different types of automotive glass 4. how to handle and position the automotive glass correctly 5. what is the correct way of shaping automotive glass for different requirements   **Standard operating procedures**   1. what are the standard operating procedures for different activities 2. how to obtain information on the standard operating procedures   **Problems**   1. what are the types of problems that could occur 2. how can different types of problem be resolved   **Information recording**   1. what information systems should be used 2. why it is important to use the information systems |

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| **Developed by** | IMI |
| **Version number** | 2 |
| Date approved |  |
| Indicative review date |  |
| Validity | Under consultation |
| Status | Tailored |
| Originating organisation | Proskills |
| Original URN | PROAG10 |
| Relevant occupations | Tyre exhaust and windscreen fitters |
| Suite | Automotive glazing |
| Key words | glass; automotive; glazing; cars; vans; mobile plant; buses; coaches |