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| **Date:** |  | | |  |  |  |  | |  | |  |  | |  | |  |  |
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| **Assessors Name:** | |  | | **Reference Number:** | | HSMS RA 006 | | | | **Review:** | | | Annually or sooner following an incident or significant change to the equipment/process | | | | |
|  |  |  |  |  |  |  |  | |  | |  |  | |  | |  |  |
| **Implemented By:** | |  | | **Signature:** | |  | | **Position:** | |  | | | **Date:** | |  | | |
|  |  |  |  |  |  |  |  | |  | |  |  | |  | |  |  |
| **Description of task and assessment** | | | Installation of roof trusses (to include garages) | | | | | | | | | | | | | | |  |
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| **Location Details** | | |  | | | | | | | | | | | | | | |

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| **Identified Hazards** | **Who may be affected** | **Initial Risk** | **Control measures** | **Residual**  **Risk** | **Remarks** | |
| Falls from Height | Employees  Contractors |  | Joists and stairwell openings must be fully covered over using sacrificial joists and boarding, a Youngman’s system or scaffold laydown system.  A decking system or an internal birdcage must be in place.  The scaffold on the outside of the plot must be at a suitable height to ensure that the trusses can be manoeuvred into position cleanly, without any obstructions from the outside scaffold.  The working at height assessment must be followed. |  |  | |
| Falling materials/crush injury | Employees  Contractors  Members of public |  | The internal scaffold and outer scaffold will prevent materials from falling. Toe boards and brick guards should be fitted to the outer scaffold guardrail.  Hand lines must be used on the trusses when being craned into position.  Roof trusses should not be installed in windy conditions.  Trusses must never be left un supported, they should be braced of laid down. |  | |  |
| Slips and trips | Employees  Contractors |  | The working platform on the scaffold must be kept tidy at all times, any off cuts must be disposed of as soon as practical to prevent trips.  The scaffold standards on the working platform or bird cage must flush with the scaffold boards or must protrude at least 1 metre on the outer scaffold platform, to prevent trips. |  | |  |
| Manual handling | Contractors |  | The trusses must be lifted onto the wall plate by crane. Once in position they can be manually lifted into position using a 2 man lift.  Attic trusses and spandrel panels must be craned position.  Consider building the roof trusses on the ground and craning them in complete, if space allows. |  | |  |

**Guidance Notes**

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| **LIKELIHOOD OF HARM** | | |
| **Highly likely** | **Possible** | **Unlikely** |
| **SEVERITY**  **OF**  **HARM** | **Fatal or major injury/ illness** | **High** | **High** | **Medium** |
| **Injury/ illness resulting in lost time** | **High** | **Medium** | **Low** |
| **Minor injury/ illness** | **Medium** | **Low** | **Low** |

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| **LOW** | **MEDIUM** | **HIGH** |
| **Continue with existing control measures and ensure all reasonably practicable measures to reduce the risk to as low as possible put in place. Monitor for changes. Implement any additional control measures required, within the timescales given in the**  **risk assessment.** | **May require additional reasonably practicable measures to reduce the risk to as low as possible. Must ensure regular ongoing monitoring of the task. Implement any additional control measures required, within the timescales given in the**  **risk assessment.** | **Requires attention to reduce the risk, implement reasonably practicable measures to reduce the risk as low as possible. Must ensure regular ongoing monitoring of the task. Implement any additional control measures required, within the timescales given in the**  **risk assessment.** |