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| **Date:** | 22.08.22 |  |  |  |  |  |  |  |  |  |  |
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| **Assessors Name:** |  | **Reference Number:** | HSMS RA 051 | **Review:** | Annually or sooner following an incident or significant change to the equipment/process. |
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| **Implemented By:** |  | **Signature:** |  | **Position:** |  | **Date:** |  |
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| **Description of task and assessment** |  Stability of Tele-Handlers |  |
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| **Location Details** |  |

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| **Identified Hazards** | **Who may be affected** | **Initial Risk**  | **Control measures** | **Residual****Risk** | **Remarks** |
| Ground unable to support Tele-Handler. | Operator / Nearby Workers and damage to structures  | **H** | * Tele-Handlers should only be used on firm and level ground that resists sinking of the wheels or stabilisers.
* Presence of voids/underground services must be established
* Avoid parking or moving near to the sides of an excavation – the extra weight can make a collapse more likely. Where a Tele-Handler is required to operate close to excavations suitable barriers must be installed with excavation warning signage, these must be placed at a safe distance away from the excavation to avoid collapse these should be set out by a competent ground worker.
* Consider the use of stop blocks at edges of excavations.
* A competent person/s must check the excavations each day before starting work and after any event that may affect its stability. Prevent collapse – shore, bench, or batter back. Do not assume ground will stand unsupported.
* Where an operator has restricted visibility a competent Banksman must be used (make sure the Banksman and Operator understand the signals they will use and agree on the way to communicate with each other
* Seatbelts must be worn by the Operator at all times.
 | **L** |  |
| Tele-Handler Overload/Failure  | Operator / Nearby Workers and damage to structures | **H** | * Competent operators NPORS/CPCS certified.
* The correct sizing of the Tele-Handler should be assessed by the Construction Senior Management pre site commencement to ensure it is adequate/suitable for the task required on the site.
* All Tele-Handlers must manufacturer fitted load charts which should be affixed in a prominent position and easily readable by the operator.
* Tele-Handlers must be installed with a Load indicator, these must be tested on the operator’s pre-use checks. (At no point must an operator over-ride the load indicator)
* Ensure Tele- Handler has been adequately maintained, pre-use

checks carried out and has current report of thorough examination.* Plant defects should be reported immediately to the Site Manager. If a defect is likely to pose an immediate or imminent risk to health and safety, remove the plant from service until the defect is fixed.
* Tele-Handlers must only be used by trained, certificated and competent operators.
* Tyre Pressures and condition must be checked on pre-use inspection using a tyre pressure gauge. Tyre Pressures should be in accordance with the manufactures guidance’s.
* Ensure weight of load is known and accurate Ensure that you understand the tele handler’s limitations on the rating plate and load charts. Never overload the tele handler.
* When stationary the hand brake must be applied
* Seatbelts must be worn by the Operator at all times.
* Tele-Handler to be installed with an appropriate operator protective structure fitted. These are either roll-over protective structures (ROPS), falling object protective structures (FOPS) or both, depending on the application.
* The Tele-Handler is not to be modified to make it operate as a crane other than the provision of a lifting point.
* The boom and load should be kept as low to the ground as practicable to ensure that the centre of gravity of the machine and the load is as low as possible.

*(If the site is so restricted that manoeuvring is impossible without raising the boom, site management should re-assess the use of a tele handler at all or, at least, consider reselection of the machine chosen.)** Operators must be competent in the operations of stabilisers/outriggers and levelling devices (i.e.: Cab levelling).
* Operators should take care when braking and / or turning as this creates dynamic forces transmitted to the boom, thereby reducing stability.
* The operator should follow the manufacturer’s instructions for travelling on slopes and inclines. It is essential that they do not attempt to climb, descend or cross inclines in excess of

manufacturer’s limiting values, as this significantly increases the likelihood of overturning;* Weather conditions should be assessed where there is high winds, Lifting operations at a high level should seized until safe operations can be resumed.
* The operator should assess the loads prior to lifting , The Tele-Handler may become less stable with a different shaped load/s
* Areas where a tele handler may be used should be kept free of rubbish such as bricks, pallets, timber, etc.
* The area selected by the planners as a static loading area such as In front of loading bays, must be large enough to accommodate all the wheels of the tele handler and stabilisers or outriggers when fitted. The area should be of consolidated firm ground or surfaces giving similar levels of safety. It should be capable of accepting the mass of the loaded tele handler.
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**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.** |