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| **Date:** | 22.08.22 |  |  |  |  |  |  |  |  |  |  |
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| **Assessors Name:** |  | **Reference Number:** | HSMS RA 053 | **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** |  Refuelling Tele-Handlers and Fuel Storage.  |  |
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| **Location Details** |  |

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| **Identified Hazards** | **Who may be affected** | **Initial Risk**  | **Control measures** | **Residual****Risk** | **Remarks** |
| **Refuelling of Tele-Handlers:**Environmental incidentsDamage to skin/eyes.IgnitionLeaksSpillageUnauthorised personnelVapour releaseFire/explosion caused by ignition of vapour following uncontrolled release of productImpact to fuel storage. | OperatorEnvironment Other site personnel  | **H** | **Site fuel storage areas must comply with the guidance (EMS-GU-Fuel-Oil-Storage-and-Use) A copy is to be provided with this risk assessment.*** Enviropads must be provided on the ground to catch spills during refuelling
* Containers must be locked when not in use (between refuelling etc.)
* Suitable spill kits must be provided in close proximity to or within fuel storage areas, instructions for use must be available. (Fuel storage areas must be checked regularly for leaks and spills and to ensure appropriate signage and spill kits are available.)
* Suitable and sufficient provision of firefighting equipment.
* Details of emergency spill contractors must be displayed in the event of serious spills that cannot be dealt with using spill kits
* Containers must be within a secondary containment system (SCS) or bund that holds 110% of the volume of the container. Bunds should be checked regularly to ensure no overspills.
* Operators must ensure release valves are closed after use.
* Fuel container are to be stored in a suitable location as detailed in (EMS-GU-Fuel-Oil-Storage-and-Use).
* Operators must wear chemical resistant nitrile gloves and eye protection when refuelling.
* Suitable hand washing facilities available
* Emergency eye wash available
* First aid procedures / Personal on site.
* No smoking or open flames near to the fuel storage area.
* COSHH Assessment complete for diesel fuel.
* Operators must lock the fuel cap on the Telehandler after refuelling.
* Any hazardous waste from spillages i.e.: used spill mats must be removed off site appropriately as hazardous waste.
* All fuel deliveries to be supervised.
* If ad-blue is used this should be stored on a bund/ spill mat.
* Operatives should keep a spare set pair of clothing on site should there be any spillages onto the operative whist refuelling.
* Fire emergency plan in place.
* Labelling/warning/safety signage displayed at fuel storage areas.
* Fuel storage areas to be checked and recorded on Site Managers weekly check sheets.
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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.** |