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| **Task undertaken:** | Container Stack Heights | **Date:** | 29 June 2021 |
| **Location:** | Tyne CS - MT Movements -Gate B54 Port Botany NSW |  |
| **JSEA conducted by:** |  |  |  |
| **Assessment undertaken:  -** Risk Assessment **or**  **-** Safe Work Method Statement | | | |

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| **POTENTIAL HAZARDS** | | | | | | | | | | | | **PERMITS/ CHECKLISTS** | |
| **Health and Safety** | | | | | | | | **Environmental** | | | |
|  | **Biological** |  | **Hot Work** |  | **Remote/isolated work** |  | **UV exposure** |  | **Air Emissions** |  | **Hazardous Chemicals** |  | **Confined Space** |
|  | **Confined Space** |  | **Ladders** |  | **Repetitive actions** |  | **Work at heights** |  | **Asbestos** |  | **Hazardous waste** |  | **Hot Work** |
|  | **Electrical hazards** |  | **Manual Tasks** |  | **Slippery surfaces** |  | **Working with/near crane** |  | **Breach of Licence** |  | **Leachate** |  | **Manual Tasks** |
|  | **Ergonomics** |  | **Noise** |  | **Suspended loads** |  | **Working with / near plant** |  | **Dust** |  | **Odour** |  | **Permit to Work** |
|  | **Excavation** |  | **Non skilled worker** |  | **Temperature extremes** |  | **High Wind** |  | **Explosion – dust/fines** |  | **Radioactive waste** |  |  |
|  | **Fatigue** |  | **Plant – moving parts** |  | **Traffic Management** |  | **Falling Containers** |  | **Gas** |  | **Release to storm water** |  |  |
|  | **Flammable materials** |  | **Reduced visibility** |  | **Trip Hazards** |  |  |  | **Groundwater Contamination** |  |  |  |  |

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| Q:\Training\Images\Symbols\Dust.jpg | Q:\Training\Images\Symbols\Ear.jpg | Q:\Training\Images\Symbols\Eye.jpg | **Q:\Training\Images\Symbols\Foot.jpg** | **Q:\Training\Images\Symbols\Hand.jpg** | **Q:\Training\Images\Symbols\half face respirator.JPG** | **Q:\Training\Images\Symbols\Vest.jpg** | **Q:\Training\Images\Symbols\Head.jpg** | **Q:\Training\Images\Symbols\Body.jpg** | **Q:\Training\Images\Symbols\Face Welding.jpg** | **Other:**  **(please specify)** |
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| **PLANT & EQUIPMENT USED DURING TASK** | **Current WI / MAN available** | **LIST OF CHEMICALS USED DURING TASK** | **Current SDS available** |
| **Empty Container Handler - Forklift** |  | **N/A** |  |
| **SOP 1, 4 and 5** |  |  |  |
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| **RISK IDENTIFICATION** | | | | | |
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| **Steps**  **Task & Environment Assessed** | **Safety / Environmental Risk and Hazards** | **Inherent**  **Risk**  **Level** | **Control Measure’s implemented** | **Residual**  **Risk**  **Level** | **Person Responsible** |
| Empty container stacking heights. | **Hazard:**   * Containers falling if they are not stacked correctly. * High Wind Events.   **Existing Risk Control:**   * Wind monitor has been Installed. * Siren installed for high wind events. * Annual calibration on the wind monitor tower. * Wind monitored in real time. * When stacking containers on hard stand surfaces, ensure they are stacked no higher than as follows: -   + 40ft Containers – maximum of six - (7) containers high   + 20ft Containers – maximum of six - (7) containers high   + 40ft High Cube Containers – maximum of six - (6) containers high   + 20ft High Cube Containers – maximum of six - (6) containers high | High | * The current container stacking plan shows a maximum of 7 high, with pyramid stacking (from 2 high) on northern and southern boundaries. Stacks on the western boundary to be stacked at maximum of 5 high. * The SOPs 1, 4 and 5 are in place. * Ensure all employees are trained on SOP 1 Container Loading and Unloading, SOP 4 Empty Container Handler Operations and SOP 5 Weather Monitoring and Container Park Securement. * Continue to monitor the weather conditions and lower the containers as required based on the severity of risk. * Any stack “leans” to be restacked immediately. * Lower stacks in high winds as per Wind SOP #5. Single stacks must always be made safe asap. * Complete and record Last shift checks before closing and leaving the site. | Medium | Depot Manager. |
| Environmental  Amenity | Container stack height impacts the environmental amenity for nearby commercial sites users and residents. | High | Containers not to be stacked higher than the maximum container stack heights allowable. | Medium | Depot Manager |
| Environmental  Amenity | Traffic issues caused by site operations impact the amenity to nearby commercial site users and motorists. | High | Ensure all loading and unloading activities are undertaken wholly within the site boundary.  Ensure that all vehicles entering or exiting the site do so in a forward direction.  Actively manage the truck rank by physically directing the traffic on site. | Medium | Depot Manager |
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**Risk Assessment Model**

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| **Risk Level** | **Description of consequence or impact** | **Consequence** | **Likelihood/Probability** | | |
| Unlikely (1) | Possible (2) | Almost Certain (3) |
| **Low**  Level of harm | Incident that has the potential to cause persons to require first aid. Environmental discharge/release immediately contained, minor level clean-up with no short-term environmental harm. | Minor (1) | Low  (1) | Low  (2) | Medium  (3) |
| **Medium**  Level of harm | Actual/Potential temporary disability, MTI or LTI. Structural failure/damage, >1-day outage. On-site environmental discharge/release contained, minor remediation, short-term environmental harm. | Moderate (2) | Low  (2) | Medium  (4) | High  (6) |
| **High**  Level of harm | Actual/Potential fatality, disability or irreversible damage. Major structural failure/damage. Off-site environmental discharge/release not contained and significant long-term environmental harm. | Major (3) | Medium  (3) | High  (6) | High  (9) |
| **Level** | **Likelihood/Probability** | | | | |
| Almost Certain | Occurs frequently; >66% chance of occurring | | | | |
| Possible | Could happen occasionally; >33% but <66% chance of occurring | | | | |
| Unlikely | May occur only in exceptional circumstances; <33% chance of occurring | | | | |
| **Class/Ranking** | **Description/Requirements** | | | | |
| Low 1, 2 | Will require localised control measures. | | | | |
| Medium 3, 4 | Will require operational planning. Actions will be recorded on SWMS. | | | | |
| High 6, 9 | Stop immediately. Implement permanent Preventive controls. Will require detailed pre-planning. Actions will be recorded on a SWMS. | | | | |

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| **TRAINING, QUALIFICATION & LICENCES REQUIRED TO COMPLETE WORK** |
| National Licence to Perform High Risk Work Class: - LF - Forklift |
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| **ADDITIONAL COMMENTS & REQUIREMENTS** |
| Induction to SOP#s 1, 4 and 5 |
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| **IDENTIFICATION OF TASK RISK MANAGEMENT AND REVIEW** | | |
|  | **Non -Routine Task** - this task is a one-off occurrence | |
|  | **Routine Task** - this task is undertaken on regular basis | Task / Risk and hazards identified must be included in the Site Risk Register |

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| **REVIEW** | | | | | |
| **Date** | **Reviewed by** | **Relevant changes & modifications made to SWMS OR Risk Assessment** | | | |
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| **SIGN-OFF**  **Manager or Authorised Representative** | | | | |
| **Reviewed by Manager or Authorised Company Representative:**  On review of the information supplied in this form the work is authorised to proceed  **Name: \_\_\_\_\_\_\_Rohen Drury\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Name: \_\_\_\_\_\_\_Aaron Powell \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | |
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| **SIGN-OFF**  **Worker** | | | | |
| **By Signing below you agree that you have READ and UNDERSTOOD this SWMS and the hazards and risks relevant to this task and AGREE TO COMPLY with all controls identified.** | | | | |
| **Full Name** (Please PRINT name clearly) | | | **Signature** | **Date** |
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