| **No.** | **Hazard Title** | **Hazard Detail** | **Causes** | **Consequences** | **\* Risk Assessment** | | | | | **Existing Controls** | **Additional Risk Controls**  **Planned/ Required** | **Residual Risk** | | | | |
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| **P** | **A** | **E** | **R** | **RI** | **P** | **A** | **E** | **R** | **RI** |
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| **Implement the additional risk controls identified** | | | | | |
| **Risk control-1** |  | **Date** |  | **Implemented by** |  |
| **Risk control-2** |  | **Date** |  | **Implemented by** |  |
| **Risk control-3** |  | **Date** |  | **Implemented by** |  |
| **Risk control-4** |  | **Date** |  | **Implemented by** |  |
| **Risk control-5** |  | **Date** |  | **Implemented by** |  |
| **Risk control-6** |  | **Date** |  | **Implemented by** |  |

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| It is important to monitor risk controls and review risk assessments regularly. Review is required when there is a change in the process, relevant legal changes, and where a cause for concern has arisen. Reviews could be scheduled on an annual basis. If the risk assessment has substantially changed a new risk assessment is warranted. | | | | | |
| **Review date** |  | **Reviewed by** |  | **Authorized by** |  |

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| **Notes:** Include legal and advisory documentation that supports this risk assessment be listed. Such documentation includes Acts, Regulations, Standards, where applicable. If the risk assessment for an identified hazard is ranked ’Low’ but the regulatory requirements have not been complied to while establishing and/or implementing controls, the ranking for the assesses risk shall be considered ‘Very High’ |

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| **Risk Assessment Steps:**  Step 1: Identify Hazards Title (e.g. Physical Hazard, Fire Hazard, and Electrical Hazards).  Step 2: List Hazards Details identified (e.g. Tripping Hazard, Flammable Materials stored, Working in Electrical Cabinets).  Step 3: List Causes of Hazard (e.g. Untidy workplace, Hot work, un-isolated electrical supply).  Step 4: List Consequences of Hazard (e.g. Personnel Injury, Fire, electric shock).  Step 5: Determine Likelihood and Consequences to People, Assets, Environment, and Reputation from attached Risk Assessment Matrix (Page 2) (this should be the most probable outcome without controls and should be listed as 2A, 3D etc.).  Step 6. Calculate the Risk Index using the Qualitative or Semi-Quantitative Risk Assessment Matrix as deemed appropriate. This is a product of Likelihood and Consequence and should be stated Low, Medium, High or Very High).  Step 7. List Existing Controls. (e.g. Tidy Site Policy, Hot Work Permit, Isolation of Electrical Supply).  Step 8. List Safety Critical Activities and Additional Controls that may be deemed necessary to reduce risk level to ALARP.  Step 9: Recalculate Likelihood and Consequences to People, Assets, Environment, and Reputation from attached Risk Assessment Matrix.  Step 10. Recalculate the Risk Index.  Step 11. If residual risk deemed to be High or Very High then risk must be reduced further before proceeding, if risk is medium then note that risk reduction must be planned, monitored and documented, if risk is low then risk is acceptable without required further action. | | | | | |  |  | | --- | --- | | **Likelihood** | **Descriptor to assist in Qualitative Assessment of Likelihood/ Frequency of Occurrence.** | | **A** | Has occurred within port industry worldwide. | | **B** | Has occurred regionally within port industry or judged likely to have occurred. | | **C** | Has occurred in port industry within UAE or judged likely to have occurred. | | **D** | Has occurred in port industry within UAE on an annual basis or judged likely to have occurred. | | **E** | May occur in UAE port industry multiple times annually. | | | | | |
| **\* Risk Assessment Matrix – Qualitative** | | | | | **LIKELIHOOD** | | | | |
| **Consequences** | **P= People** | **A= Assets** | **E= Environment** | **R= Reputation** | **A** | **B** | **C** | **D** | **E** |
| **5- Catastrophic** | **Multiple fatalities** | **Extensive damage** | **Massive effect** | **International impact** |  |  |  |  | **VERY**  **HIGH** |
| **4 - Severe** | **Single fatality or permanent disability** | **Major damage** | **Major effect** | **National impact** |  |  | **HIGH** |  |  |
| **3 – Critical** | **Major injury or health effects** | **Localized effect** | **Localized effect** | **Considerable impact** | ALARP | **MEDIUM** |  |  |  |
| **2 – Marginal** | **Minor injury or health effects** | **Minor effect** | **Minor effect** | **Minor impact** |  |  |  |  |  |
| **1 - Negligible** | **Slight injury or health effects** | **Slight effect** | **Slight effect** | **Slight impact** | **LOW** |  |  |  |  |

For additional information refer to Risk Management Procedure ADM-HSE- 005.