



RISK ASSESSMENT FOR WORKING NEAR OR OVER WATER

| | | | | | | | | | | |
|--|--|-------------------------------------|-------------------------------------|-------------------------------------|--|----|----|----|----|---|
| Activity: | Working near or Over Water | RA No.: | | | | | | | | |
| Location: | ABC | Date : | | | | | | | | |
| Persons at Risk: | Piling Operatives / Engineers / Chainmen | Revision Status | | | | | | | | |
| Equipment to be used: | | Revision No.: | | Revised Date: | | | | | | |
| Hard Hat, Safety Goggles, Ear Protection, High-Visibility Vest, Gloves, Steel-Toed Boots, Respirator/Mask, Welding PPE, Safety Harness, Safety Belt, Fire Extinguisher, Safety Signage, Chemical-Resistant Gloves, Lockout/Tag out Equipment, Fall Arrest System, Safety Netting | | NA | | NA | | | | | | |
| Potential Hazards / Conditions considered (Tick Box) | | | Persons at Risk | | | | | | | |
| Fall From Height | <input checked="" type="checkbox"/> | Falling of Materials | <input checked="" type="checkbox"/> | Subcontractors | <input checked="" type="checkbox"/> | | | | | |
| Electricity | <input checked="" type="checkbox"/> | Slips/Tripping | <input checked="" type="checkbox"/> | Employees | <input checked="" type="checkbox"/> | | | | | |
| | | | | Public | <input type="checkbox"/> | | | | | |
| | | | | Visitors | <input type="checkbox"/> | | | | | |
| Personal protective equipment (PPE) | | | | | | | | | | |
| <input checked="" type="checkbox"/> | Safety Helmet | <input checked="" type="checkbox"/> | Respiratory / Berating Apparatus | <input checked="" type="checkbox"/> | Gloves | | | | | |
| <input checked="" type="checkbox"/> | Safety Boots | <input checked="" type="checkbox"/> | Overalls | <input checked="" type="checkbox"/> | Masks | | | | | |
| | | | | <input type="checkbox"/> | Goggles | | | | | |
| | | | | | Full Body Safety Harness | | | | | |
| | | | | <input type="checkbox"/> | Ear Plugs/ Defenders | | | | | |
| | | | | | Others, if any | | | | | |
| Mandatory HSE requirements (Tick Box) | | | | | | | | | | |
| <input checked="" type="checkbox"/> | Safety Induction | <input checked="" type="checkbox"/> | Proper PPE | <input checked="" type="checkbox"/> | Work Permit | | | | | |
| <input checked="" type="checkbox"/> | Tool Box Talk | <input checked="" type="checkbox"/> | Safe Work Place | <input checked="" type="checkbox"/> | Proper Supervision | | | | | |
| | | | | <input checked="" type="checkbox"/> | Proper Tools/ Equipment | | | | | |
| | | | | | Pre-Task Briefings | | | | | |
| | | | | | Proper Barricade & Warning Sign in The Affected area | | | | | |
| | | | | | Others, if any | | | | | |
| Risk Level: H (HIGH-Potential to cause death or permanent injury) M (MEDIUM –Potential to cause loss time injury) L (LOW- An injury treatable with First Aid) | | | | | | | | | | |
| Likelihood (L) | Severity (S) | Class of risk (L*S) | LIKELIHOOD (L) | RISK MATRIX | | | | | | Note: 1. The risk assessment must be addressed to workers by the worker in charge before starting the job. 2. Risk assessment is a continuous process hence to be reviewed depending on the activity and risk involved |
| Improbable | Negligible | High = 15-25 | | 5 | 5 | 10 | 15 | 20 | 25 | |
| Remote | Minor | Medium = 07-14 | | 4 | 4 | 8 | 12 | 16 | 20 | |
| Probable | Reportable | | | 3 | 3 | 6 | 9 | 12 | 15 | |
| Occasional | Serious | Low = 01-06 | | 2 | 2 | 4 | 6 | 8 | 10 | |
| | | | | 1 | 1 | 2 | 3 | 4 | 5 | |
| | | | | | 1 | 2 | 3 | 4 | 5 | |
| SEVERITY (S) | | | | | | | | | | |



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| Sr. | Activity | Hazard | EVALUATION | | | Control Measures in place or to be implemented | RE-EVALUATION | | | Persons responsible for Implementation and Supervision. |
|-----|----------------------------|----------|------------|---|----|---|---------------|---|---|---|
| | | | L | S | R | | L | S | R | |
| 1. | Working near or Over Water | Drowning | 4 | 4 | 16 | <ul style="list-style-type: none"> Operatives to wear lifejackets or flotation suits at all times. The physical barrier around the working area. Ensure adequate working platforms are erected, and fully decked out. Ensure safety harnesses are available for emergencies. Access pontoon to ferry personnel to piling line where necessary, also to act as rescue boat where necessary. (Boat to be fully equipped for rescue.) In tidal waters and for night work, rescue boats should be manned continuously by experienced boatmen equipped with 2-way communication to the shore. Life rings are to be situated on the bank and the Piling Frame complete with 30-meter lifelines. Ensure lighting is adequate for night work if required. If working from pontoons ensure that they are properly loaded, stable, water-tight, and securely moored. Ensure all walking surfaces are clean and do not become slippery. Never allow men to work alone. Ensure good housekeeping and site tidiness to minimize tripping hazards. Check weather conditions. | 2 | 3 | 6 | Project Manager/ Project Engineer/Project Supervisor/Project Safety Officer/MEP Technicians |

Assessed by (print name, date, and Signatures):

Reviewed by (print name, date, and Signatures):