Kriel Ash dam Drain Installation

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| HAZARDOUS CHEMICALS• Oil• Lubricant• Additives• Acids (e.g.Batteries)• Bleaches *I*cleaning fluids• Heavy metals (e.g.Mercury)• Solvent• Flocculants |  | FIRE• Combustible materials• Flammable liquids• Cutting *I* welding *I* grinding• Electrical faults |  | ELECTRICITY I• Cable damage• Power failure• Earthing• Electrocution | **√** |
| ENVIRONMENTAL & HEALTH HAZARDS• Oil spills• Water pollution | **√** | HAZARDOUSOBJECTS• Sharp• Heavy• Moving | **√** | MOVING MACHINERY• Road *I* track condition• Crushing*I* caught between• Ergonomics-poor posture• Maintenance | **√** |
| OCCUPATIONAL HYGIENE• Sanitation• Infection *I*contagiousdiseases• Manual handling• Excessive hours• Noise | **√** | MOVING MACHINERY• Road *I* track condition• Crushing*I* caught between• Ergonomics-poor posture• Maintenance | **√** | SLIPPING,TRIPPING& FALLING• Floor condition• Oils and grease• Bad visibility, slipping and tripping• Material, tools or equipment in the walkway or working area | **√** |
| BAD VENTILATION* Chemicals/vapours
* Fire *I* explosion
 |  | FALLING OBJECTS• Tools and equipment  | **√** |  |  |
| ERGONOMICS• Manual handling • Poor posture • Bad working position | **√** |  |  |  |  |

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| ENVIRONMENTAL & HEALTH HAZARDS• Oil spills• Water pollution• Air pollution• Insects• Snakes• Weather conditions• Wind |  | EXCAVATIONS *I*TUNNELING• Unsupported walls• Substandard support• Scaling *I* creep• Access• PPE |  | HAZARDOUSOBJECTS• Sharp• Hot *I* cold• Heavy• Unbalanced• Moving• Abrasive |
| OCCUPATIONAL HYGIENE• Sanitation• Infection *I*contagiousdiseases• Radiation• Manual handling• Excessive hours• Thermal stress• Mental workload• Noise |  | MOVING MACHINERY• Pedestrians• Nip points• Driver *I* passengerprotection• Driver competence• Traffic control• Road *I* track condition• Visibility *I* illumination• Suitability of machine• Ergonomics-poor posture• Maintenance |  | SLIPPING,TRIPPING& FALLING• Floor condition• Falls fromheights• Fall into• Fall from vehicle• Wet conditions• Oils and grease• Smooth surfaces• Loose cables |

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