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| <p><b>RISK RATING</b></p> <p><b>1 HIGH</b></p> <p><b>2 MEDIUM</b></p> <p><b>3 LOW</b></p>         | <p><b>SAFE WORK METHOD STATEMENT</b></p> <p>Title: : Visual Bridge Inspection</p> <p>Ref No: 1</p>   | <p>I approve the use of this Safe Work Method Statement:</p> <p><b>NAME:</b> _____ <b>POSITION:</b> Department Manager</p> <p><b>SIGNATURE:</b> _____ <b>DATE:</b> ___/___/___</p>  |
|   |  | <p>Project: <b>VISUAL BRIDGE INSPECTION</b></p>   |
| <p><b>Critical Steps in this Activity:</b></p>  | <p><b>Potential Hazards:</b></p>   | <p><b>Safety Controls:</b></p>  |
| <ul style="list-style-type: none"> <li>Preparation for operations</li> <li><b>HIGH</b></li> </ul> | <ul style="list-style-type: none"> <li>Inadequate planning</li> </ul>  | <ul style="list-style-type: none"> <li>Identify people, PPE, equipment, potential hazards and safety controls prior to commencement of works</li> <li>Team leader to issue traffic management plan to work crew</li> <li>All relevant signs to be placed on vehicle</li> <li>Team leader to arrange extra signs and traffic control if required</li> <li>All MSDS's for Hazardous substances to be placed in vehicle</li> </ul> |
| <ul style="list-style-type: none"> <li>Driving to worksite</li> <li><b>HIGH</b></li> </ul>        | <ul style="list-style-type: none"> <li>Drive into other people</li> <li>Road users</li> <li>Plant</li> <li>Drive off embankment</li> <li>Poor drivers</li> </ul> | <ul style="list-style-type: none"> <li>Be in possession of proper Drivers/operators license</li> <li>Being aware whilst driving</li> <li>Travel at a safe speed according road conditions and load</li> </ul>   |

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| <ul style="list-style-type: none"> <li>• Traffic Control</li> <li>• <b>HIGH</b></li> </ul>                    | <ul style="list-style-type: none"> <li>• Poor drivers</li> <li>• Inappropriate traffic control measures</li> </ul>   | <ul style="list-style-type: none"> <li>• Follow traffic management plan from team leader</li> <li>• Ensure the traffic control measures are appropriate for all weather conditions</li> <li>• Use of appropriate PPE – high visibility clothing ETC</li> <li>• Stay alert for traffic on worksite</li> <li>• Aftercare signage to be left if work has loose surface on carriageway</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Above super structure inspection</li> <li>• <b>MEDIUM</b></li> </ul> | <ul style="list-style-type: none"> <li>• Traffic</li> <li>• Physical</li> <li>• Walking surface</li> <li>• Inspection equipment</li> <li>• Lifting</li> <li>• Remote area's</li> </ul> | <ul style="list-style-type: none"> <li>• Beware when inspecting super structure of a bridge for traffic flow. When you are inspecting the bridge always have another person as a spotter for you</li> <li>• Wear proper safety equipment and protective clothing. Wear sturdy boots as footwear. Do not take unnecessary risks to speed job up. Proceed with care</li> <li>• Keep a watch for wet, slippery uneven or cracked surface</li> <li>• Caution should be taken when probing timber decking with a sharp pointed tool</li> <li>• Learn and promote the use of proper lifting techniques to prevent back injury. Always remember you have another person to help with lift</li> <li>• This requires diligence to ensure that radio's/phone communication is maintained to depot. Radio's/cell phone/satellite phone should be charged, maintained and carried into the field in case of a emergency</li> </ul> |

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| <ul style="list-style-type: none"> <li>• Under bridge structure inspections</li> <li>• <b>MEDIUM</b></li> </ul> | <ul style="list-style-type: none"> <li>• Physical</li> <li>• Walking surface</li> <li>• Streams &amp; waterways</li> <li>• Steep &amp; muddy banks</li> <li>• Inspection equipment</li> <li>• Remote area's</li> <li>• Falls</li> <li>• Weather</li> <li>• Poisonous snakes</li> <li>• Bee, spider and insect stings</li> </ul> | <ul style="list-style-type: none"> <li>• Wear proper safety equipment and protective clothing. Wear sturdy boots as footwear. Do not take unnecessary risks to speed job up. Proceed with care</li> <li>• Keep a watch for wet, slippery uneven or cracked surface</li> <li>• When doing a visual inspection of the under structure of a bridge do not enter any streams or waterways. When working near water a life jacket should be worn. Do not conduct inspection alone always have spotter with you</li> <li>• Make sure you have proper footing before descending or climbing banks. Watch for slippery, muddy or wet banks and holes. Best time for inspections would be late spring to early summer</li> <li>• Inspection equipment should be a very strong torch and a good set of binoculars also a camera</li> <li>• This requires diligence to ensure that radio's/phone communication is maintained to depot. Radio's/cell phone/satellite phone should be charged, maintained and carried into the field in case of a emergency</li> <li>• Do not take unnecessary risks. Maintain balance when walking on slopes. Have a two way radio in pocket in case of a fall</li> <li>• Be alert to changing weather conditions windstorms, flash flooding and lightening. Increase vigilance when encountering adverse weather conditions to be sure that the work can be accomplished safely</li> <li>• Use extra caution in area's where poisonous snakes are known to be present and wear PPE. Do not provoke or handle snakes</li> <li>• Wear long sleeve shirts and pants. Apply insect repellent and treat stings and bites immediately. If work cannot be done safely, leave the site and come back at a later date when insects are not a hazard</li> </ul> |
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| <ul style="list-style-type: none"> <li>• Bridge inspection report form</li> <li>• <b>MEDIUM</b></li> </ul> | <ul style="list-style-type: none"> <li>• Dangerous works</li> </ul> | <ul style="list-style-type: none"> <li>• When doing an inspection at times parts of the bridge will not be accessible so you should note this by ticking “Not accessible” column. When you have completed days work all forms should be given to team leader for future programmed works.</li> </ul>  |
| <p><b>Equipment required for routine inspections</b></p>   |   | <ul style="list-style-type: none"> <li>• <b>High visibility clothing</b></li> <li>• <b>Safety shoes</b></li> <li>• <b>Rubber boots Safety</b></li> <li>• <b>Note pad</b></li> <li>• <b>Inspection report form</b></li> <li>• <b>Torch both flood light and spot light</b></li> <li>• <b>Binoculars</b></li> <li>• <b>Hand Mirror (to shine up box culverts)</b></li> <li>• <b>Camera</b></li> <li>• <b>Two way radio</b></li> <li>• <b>First aid kit</b></li> </ul> |

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| <b>License/Training</b>  |   | <b>List Plant-Equipment</b>     |                              |
| Drivers License<br>Work Activity Induction<br>Red Card   |   | <i>Truck, Signs</i>             |                              |
| <b>List: /Personal Protective Equipment required for this Activity</b>   | <b>List Equipment Maintenance Checks required for this Activity</b> | <b>Engineering Certificates</b> | <b>Hazardous Substance</b>   |
|  | <i>Plant Log Sheets</i>   | <b>Type</b>                     | <b>Type</b><br><i>MSDS's</i> |
| <b>Duties &amp; Responsibilities</b>   |   |                                 |                              |
| To ensure the safety of co-workers and general public. To report all incidents and near misses to team leader. Ensure equipment is in safe working order. Perform safety checks of equipment |   |                                 |                              |

