



BOMAG ROLLER

RA NO

DATE

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|-------------------------------|-------------|--|
| H.T.I Score | 7 | Medium-Regular monitoring, Supervision |
| Contract | | |
| Persons involved in RA | Name | Signatures |
| Foreman | | |
| Second Foreman | | |
| Safety Officer | | |
| Representative | | |
| | | |

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| Documentation Required | Training Required | PPE and Safety Equipment Required |
| OHS Act and Construction Regulations | General induction - all employees | Overalls |
| Appointment 6(1) | Toolbox talks | Safety Footwear |
| Appointment Bomag Operator | First Aider | Dust Masks |
| Appointment First Aider | Operating Bomag Roller | Eye Protection |
| Competency Operator | | Gloves |
| Competency First Aider | | |
| Equipment registers | | |
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| Activity Steps | | Hazards and Risks | Preventative Measures | Rating |
|-----------------------|-------------------|--|--|---------------|
| 1 | Issuing of P.P.E. | Defective P.P.E issued may cause injuries. | All P.P.E to be SABS approved, supervisor to ensure that the correct P.P.E is issued to the employees. | 5 |
| | | P.P.E not on register. | All employees are to sign for the P.P.E issued to them, task to be supervised by a competent supervisor, site safety officer to do regular checks on the paper work to ensure that the employees are signing for the P.P.E issued to them. | 5 |

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|---|---------------------------------|--|--|---|
| | | Theft of P.P.E. | All P.P.E to be kept in a safe and secure place only one person to be in control of the issuing of the P.P.E, all employees to look after their own items which were issued to them. | 5 |
| | | Operator not trained to use compacting equipment. | Operator to be competent in the use of the compacting equipment. Employee to be issued with steel toe cap safety boots. All injuries to be reported to the site safety officer. Task to be supervised by a competent supervisor. | 8 |
| | | Employee exposed to noise may cause hearing loss. | Employee to make use of SABS approved hearing protection, supervisor to ensure that the correct P.P.E is used. Task to be supervised by a competent supervisor. | 5 |
| | | Vibrations of compacting equipment causing trench to collapse may cause injuries and disability. | Daily excavation inspections to be done by the appointed responsible person. Task to be supervised by a competent supervisor. | 8 |
| 2 | Operating compacting equipment. | Employee over come by fumes may cause asphyxiation and disability. | Minimise the use of petrol and diesel driven machines in the excavations. Excavations to be well ventilated. Task to be supervised by a competent supervisor. Working in confined space procedure to be followed where required. | 8 |
| | | Employee overcome with heat-stroke may cause injuries. | Drinking water to be supplied to the employees, task to be supervised by a competent supervisor. | 8 |
| | | Incompetent employee working with compacting equipment may cause injuries and disability. | Only trained and competent employees to work with any compacting equipment. Task to be supervised by a competent supervisor. | 8 |

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| | | Employee affected by the vibrations of the compacting equipment may cause injuries. | Employees to make use of hand protection, task to be supervised by a competent supervisor. All injuries to be reported to the site safety officer. Long processes to be done in shifts of 30 minutes at a time. | 5 |
| | | Defective compacting equipment may cause injuries and disability. | Compacting equipment to be inspected before use, supervisor to ensure the equipment is in a safe working condition. Findings to be recorded on a register. Defective equipment to be removed from site. | 8 |
| | | Other employees in excavation being injured. | Excavations should be kept clear of any unnecessary employees and only the operator of the compact equipment to be present in excavation. | 8 |
| | | Refuelling of compacting equipment, may cause injuries, damage due to fire. | Compacting equipment shall be switched off when refuelling takes place. There shall always be a fire extinguisher nearby in the excavation and the operator of the compacting equipment shall know how to use the fire extinguisher. | 8 |
| | | Moving forward and backward with a Bomag roller may cause injuries and fatalities | Employee shall not walk in front of Bomag when roller is moving forward. The operator shall not walk with his back turned on the roller. The operator shall walk next to the handle of the roller with his hand on the controls of the roller. The operator shall ensure that there are no trip and fall hazards in the work area and that he has a clear space to manoeuvre the roller comfortably. | 11 |