

ROCK HAMMER EARTHMOVING

SITE DETAILS AND SWMS SCOPE			
Site Address / Location		Work Activity	Powered Mobile Plant
Contractor Company Name	Rock Hammer Earthmoving	Contractor ABN	68 518 769 889
Telephone & Email	0404 434 444 harley@rockhammerearthmoving.com.au	Contractors Address	37 Deshon Street Wooloongabba
Principal Contractor		Work Commencement Date	
Standards/Legislation Applicable to Works <i>List State legislation applicable to works e.g. Acts, Regulations, COP's Guidelines etc.</i>		Work Health Safety Act 2011 Work Health Safety Regulations 2011	

EMERGENCY ARRANGEMENTS			
First Aid	First aid kits are available in all plant.		
Fire	Only fight the fire if it can be done safely. Evacuate in accordance with Evacuation Procedure and confirm when workers are clear.		
Environmental	All waste is to be stored in the designated bin, area, cage or removed as per contract.		
Contact Position	Emergency	Manager	
Contact Name	Police / Fire / Ambulance	Harley Jack	
Contact Phone Number	000	0404 434 444	

SWMS APPROVAL				
Name	Position	Phone Number	Signature	Date

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Consequence	Likelihood:
1 – (Major) – Death of one or more people. Extensive or multiple injuries. Hospitalisation required. Permanent severe health effects. Major system or environmental damage.	A: Very Likely
2 – (Moderate) – Medical or 1st Aid treatment required. Minor systems or environmental damage.	B: Possible
3 – (Minor) – No Injuries or 1st Aid required. Minor Delays. Less than minor system or environmental damage.	C: Unlikely

No	Job Step	Potential Hazard	Risk Rating		Controls	Risk Rating
			Consequence Severity (1,2,3)	Likelihood Probability (A,B,C)		
1	Operation by unauthorised person.	Equipment failure / Damage to plant.	1	C	All personnel on the worksite must have undertaken a Site Specific Induction to the worksite. All operator's must hold the relevant certificate of competencies/occupational licences and "White Card" (Construction General Induction Card).	3C
2	Working under the hood – (in the engine bay).	Equipment failure / Damage to plant. Potential entanglement in engine bay. Struck by debris coming from fan blades.	1	B	Only attempt this kind of works if you are qualified or competent to do so. Make sure all guarding is in place. Keep away from all moving parts.	2C
3	Changing Implements.	Potential crush injury between parts/machinery or from implements dropping.	1	B	Support equipment & attachments in a manner assuring their stability. Plant must be on level ground and parked up (if you have to leave the seat) such that the plant cannot roll. Park brakes or plant lock down devices must be engaged. Other personnel must not enter the path of a machine to change attachments until the machine is stopped. Other personnel must not place there hands in between moving objects. The locking pin/s MUST be in good working order and in place prior to work. Where "Quick Hitch Devices" are used, the "Safety Pin" MUST be inserted in to place and locked off so it cannot come out. This must be done for every implement change and prior to any work at any time.	2C
4	Hazardous Pressure – working near hydraulic lines.	Personnel struck with oil from blown hydraulic lines.	2	B	Prior to replacing an implement or just detaching a hydraulic line, ensure you disengage the hydraulic pressure with the use of relevant levers. This is done to the hose/s you wish to separate. Prior to separating two lines, place a rag over them and disconnect them. Hold the rag over the male section of the quick release coupler ensuring the rag cannot come loose under pressure – then tap the end on something solid so any backed up pressure in the line releases into the rag. Dispose of the rag in an environmentally friendly manner.	2C

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No	Job Step	Potential Hazard	Risk Rating		Controls What you are going to do to make the job as safe as possible?	Risk Rating Once controls are in place i.e.(2B or 3C etc)
			Consequence Severity (1,2,3)	Likelihood Probability (A,B,C)		
5	Slips, Trips & Fall - Mounting and dismounting machine. Walking on uneven ground.	Sprains/ strains Hitting objects with part of body.	2	B	Maintain 3 points of contact when entering or exiting machine/s. Ensure steps & grab rails are in good condition. Ensure boots are in good condition. Operator to be alert to possible risk. Never jump off machine.	3C
6	Manual handling.	Bodily injury - Immediate or - Time developed.	2	B	Maintain operator station e.g. seat & control levers in good working order. Operator to stretch regularly & report any concerns. Avoid continual repetitive movements and twisting, especially whilst lifting or carrying objects. Keep your back straight and use your knees when bending. Utilise mechanical or team lifting where possible.	3B
7	Heat - working outdoors, air conditioning not working. Wet - slips, trips & falls, plant roller.	Heat stress, Heat exhaustion, Heat stroke.	1	B	Maintain air conditioning & heating in good working order. You should wear long sleeves, sunscreen and a hat. Ensure you keep a close supply of cool drinking water – drink small amounts frequently. Take more frequent breaks when temperatures are high.	2C
8	Toxic Fumes - Carbon Dioxide produced by engine enters operators station.	Asphyxiation, long term illness.	2	B	Maintain exhaust system to manufacturer's specification. Ensure cab "sealing" in good condition. Get out of the cab immediately should you notice change to the cab atmosphere – it must be immediate as toxic fumes can numb your senses very quickly.	3C
9	Machine Noise .	Industrial deafness.	2	B	Machines are subject to ongoing maintenance whereby faults in a muffler system must be fixed. Hearing protection must be used where excessive or prolonged exposure to noise is present or expected.	3B

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10	Dust.	Breathing hazard and decreased visibility.	2	B	Ensure dust suppression is applied to the site e.g.: water trucks etc. Air conditioning filters must be maintained in accordance with manufacturer guidelines.	3B
11	Plant working on uneven ground.	Machine topple (from steep side of hills, weight shifting with gravity etc), Personnel being crushed.	1	B	Travel at a safe speed for the circumstance. Care to be taken while working near edge of batters not to get within an unsafe distance from edge, especially while vibrating. Personnel are not under any circumstances to be on the lower side of a machine. Loading or unloading machines is to happen on stable, level ground only (away from overhead powerlines). When a load is on a machine, any travel that may be on sloped area must be done with the load as low as possible; - assess the area prior to travelling on it, if you believe it to be unsafe, do not go there.	1C
12	Underground and overhead services – i.e. Power lines, underground electric cables, gas lines, optic cables, communication and data cables etc.	Electrocution Explosion Environmental damage Public disruption.	1	B	Rock Hammer Earthmoving or relevant other must obtain prescribed information about each underground service from an appropriate source, ensure the information is recorded in writing, and give the information to each relevant person who is to do excavation work at or near the location of the service. Dial before you dig must be contacted on: Ph 1100 or www.1100.com.au. No person who intends to perform excavation is to commence without first ensuring they have been provided with the prescribed information. No person will excavate in close proximity to live or potentially live service lines unless they have received the relevant information and the necessary training to implement controls with regard to that information.	2C

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13	Plant Movement.	Persons being struck by plant Plant collision.	1	B	Ensure the direction of travel is clear of other equipment or persons. An operator should only reverse when they are sure that there is no one behind. If view is obstructed, a spotter should be used as a guide. All persons at the worksite must wear high visibility clothing. Equipment is fitted with flashing lights & reversing alarms, regularly check these work.	2C
14	Refuelling of mobile plant.	Spills Explosion.	1	B	Ensure that refuelling only occurs when the engine is turned off and has had time to cool down – where possible; refuel prior to a days work or prior to returning to work following a lunch break. Where possible, refuel mobile plant in a designated area, preferably on an impermeable surface and away from any drains or watercourses. Keep a spill kit available. Never leave a vehicle unattended during refuelling. Check hoses and valves regularly for signs of wear and ensure that they are turned off and securely locked when not in use. Do not smoke anywhere within the vicinity of where refuelling is being undertaken.	2C
15	Lifting with mobile plant.	Failure of lifting gear, In competent personnel, Crush, Machine topple.	1	B	Ensure that lifting gear is still in good working order and has undergone recent inspection by competent persons. Ensure the bucket or other implement that may affect lifting have been removed prior to lifting. Only necessary persons can be in the work area, staying well clear when load lifting takes place. Plant must remain within its means of stability, keeping the load as low as practical. If believed to be unsafe, STOP when safest to do so.	1C

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16	Parking up of plant, Shutdown– (end of day, for repairs, cleaning or maintenance).	Collision between plant, Persons being struck by plant, Uncontrolled plant movement, Other hazardous situations resulting from shutdown.	1	B	When moving towards park up area, make sure that the direction of travel is clear of people & obstruction. Only reverse after you are sure there is either no one behind the plant or the plant is backed up using an observer (spotter). Plant must be isolated prior to repair, shutdown, cleaning or maintenance. Remove starting handles & where possible all plant should be immobilized. Do not leave any plant unattended whilst engine is running. When mobile plant is stopped or parked, parking brakes shall be set where applicable. Where possible, plant is to be parked on flat ground or if that is not possible, across the grade (Ensure that in no circumstance is plant parked in such a way that it may be hazardous to those in the area or to those performing maintenance or repairs).	3C
17	Chemicals - Fuel, Oils, Grease.	Skin irritation contact with hazardous substances.	1	B	Material Safety Data Sheets (MSDS) for hazardous substances are kept on site and must be referred to prior to the use of hazardous substances.	3C

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Details of the work.			
List the High risk construction work being undertaken (refer to section 291 of the Regulation 2011): Construction work that is carried out in an area at a workplace in which there is any movement of powered mobile plant.			
Are high risk work licences required to undertake this activity? (Reference schedule 3 & 4 of the WHS Regulation 2011)? Circle Yes / No	Yes	No	List
MONITORING - How will the effectiveness of the control measures be monitored and reviewed?			
Site Specific Compliance Checks, Workplace Safety Inspection Report, Daily Workplace Safety Checklist, Plant Record Daily Log, Monthly Site Audit Report.			
QUALIFICATIONS – what qualifications or competencies are required to undertake the work?		What additional training is required to complete the work?	
General Construction Induction.		Toolbox talks.	
Competency in operating: Front end loader/backhoe, --- Excavator, Grader, Roller, Skid steer loader, Dozer, Scraper.		Work Activity (SWMS) Induction Training. Site Specific Induction Training.	
Driver’s licence.			

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To be completed as part of the Site Induction

The following personnel have been made aware of and understand the procedures, hazards and control measures outlined in this Safe Work Method Statement:

Name	Trade	Signature	Date	Time