



SCRAPER

RA NO

DATE

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

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
Appointments Plant/ Vehicle Operators	First Aider	Ear Protection
Appointment First Aider	Operating Scraper	Eye Protection
Competency Operator		Fire Extinguisher
Competency First Aider		First Aid Box
Plant/ Vehicle registers		
Schedule D		

Activity Steps		Hazards and Risks	Preventative Measures	Rating
1	Starting up of scraper.	Employee being injured by standing on, under or to close to the engine or wheels.	All protective guards and cover must be in place before start of the engine. The scraper must be operated by a competent and trained operator.	8
		Operator being injured while mounting or dismounting the scraper.	Operator to mount and dismount the scraper only at locations that have steps and handholds.	5
		Engine failure	Engine to be started according to procedure and maintenance schedule to be followed.	5
2	Operating scraper.	Scraper colliding into other plant or LDV	Scraper to be operated by a competent and trained operator. Operator to keep to the designated area of work.	8

		Employee being run over by scraper.	Scraper to be operated by a competent and trained operator. Employees to keep clear of the scraper during operations. Ensure that the operator has seen you before approaching.	8
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		Scraper operator losing control of the scraper.	Scraper to be operated by a trained and competent operator, task to be supervised by a competent supervisor.	8
		Scraper working in incorrect place.	Task to be supervised by a competent supervisor.	5
		Scraper operator exposed to noise	Operator to make use of ear protection and take frequent breaks.	5
		Operator exposed to dust.	Dust to be controlled.	5
3	Maintenance	Hydraulic pipe bursting during operation.	Burst pipe to be replaced by workshop and maintenance schedule to be followed.	5
		Employee being injured while working on scraper.	Maintenance and repair work to be done by a competent person.	8
		Hydraulic oil being injected into employee while working on scraper.	Make use of a board or cardboard when checking for leaks in the hydraulic pipes.	8
		Hydraulic oil leaking.	Leaks to be reported to the foreman and to be repaired by the workshop.	5
		Employee injured while changing the wheels on the scraper.	Changing of the wheels to be performed by a competent person and the task to be supervised by a competent supervisor.	8
		Oil and filters disposal.	Make use of local waste collectors to collect the used oil and filters.	5
		Employee sustaining burns while working on the scraper's engine.	Allow the engine to cool down before maintenance work is carried out.	8
		Employee caught by rotating part of engine.	Maintenance to be done by a competent person. No work to be done on the scraper while the engine is still running.	8
		Employee coming in contact with battery acid.	Do not allow electrolyte to come in contact with the skin or eyes.	8
			Make use of the correct PPE when working with batteries.	11

		Fire or explosion occurring.	Remove all flammable materials such as fuel, oil and debris from the engine. Do not weld or flame cut any pipe or tank that contains any flammable fluids. Wiring must be kept in good order and no smoking or naked flames during refueling.	8
4	General	Theft of batteries and fuel from the scraper.	Security company to be employed and plant to be parked in a secure area.	5
		Theft of scraper.	As per 4.1.	8