



GRINDER

RA NO

DATE

H.T.I Score	9	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	Eye protection
Appointment 6(1)	Toolbox talks	Ear protection
Daily Pre-use Inspection register	Operating Grinder	Dust Mask
Monthly check by Electrical Supervisor	RA Training	Fire extinguisher
		Gloves

Activity Steps		Hazards and Risks	Preventative Measures	Rating
1	Pre-use inspection	Inspection not done may lead to injuries and equipment damage	Inspection to be done by a competent person. User of the grinder to be trained on how to do the pre use inspection. Inspection registers to be signed off by a competent supervisor.	9
2	Changing of cutting or grinding disk.	Grinder not made safe - not plugged out may lead to injuries or equipment damage	Only a trained person is allowed to change the disk on a grinder. Disks that get wet or lay in water may not be used. User to ensure that the grinder is plugged out.	9
		Incorrect tools used to change the disk may lead to injuries and minor equipment damage.	Only trained, appointed and competent person to change the disc on the grinder.	6

		Incorrect disk fitted may lead to injuries and minor equipment damage	Only a trained and competent person to change the disc on the grinder.	9
		Disk fitted the wrong way round may lead to injuries equipment damage and disability effect.	Only a trained and competent person to change the disc on the grinder.	9
		Damaged disk fitted may lead to injuries or equipment damage	Disc to be inspected by the supervisor before fitment. This task is to be done by a trained and competent person.	9
3	Use of grinder.	Safety guard not in place may cause serious injuries or equipment damage	Grinder to be inspected before use by a trained and competent person.	12
		Cutting of steel may cause injuries through sparks flying steel	Grinder to be used by a trained and competent person. The steel is to be placed on a level area in order to prevent any possible damage to the cutting disc. The steel should not be supported by means of holding it in ones hands. No unnecessary people to be allowed in the area where cutting will take place.	8
		Grinding sparks entering eyes may cause eye injuries and disability effect.	Eye protection to be used – safety glasses and face shield. Assistants to make use of eye protection as well.	12
		Cement dust inhalation may cause serious lung disease and permanent disability.	User of grinder to make use of a dust mask.	11
		Noise may cause permanent disability effect to user.	When the grinder is used – use ear protection. Avoid using grinder in a confined space or in closed area.	11
		Grinder used by incompetent employee may result in injuries, equipment damage and disability.	Only trained employees are allowed to work with a grinder. Grinder not to be left unsupervised. Task to be supervised by a competent supervisor.	11
		Disk coming off while cutting may cause injuries, equipment damage and disability.	Grinder to be inspected before use by a trained and competent person. Inspection registers to be signed off by the responsible supervisor.	8

		Employee dropping grinder may cause an injury, equipment damage and disability.	Only trained employees are allowed to work with a grinder. No horse play allowed while working with the grinder. Grinder may only be put down when the disc has stopped turning.	8
		Employee being shocked may cause injury and disability.	Grinder not to be used while standing in the water. No work to be done in the rain, grinder to be inspected before use and grinder with poor connections and cables to be removed from site.	9
		Employee using grinding disk for cutting may cause injuries, equipment damage and disability.	Only trained and competent employees to work with grinder, task to be supervised by a competent supervisor.	8
		Employee using cutting disk for grinding may cause injury, equipment damage and disability.	Only trained and competent employees to work with grinder, task to be supervised by a competent supervisor. Use the correct disc for cutting or grinding and for the material being processed.	8
		Employee using grinder to cut wood may result in injury and disability due to fire.	Only trained and competent employees to work with grinder, task to be supervised by a competent supervisor. Fire extinguisher to be on hand.	8
4	Storage of Grinder.	Incorrect storage of grinder may result in damage to the grinder.	Proper storage space for grinder to be provided. Storage to be controlled by a trained and competent store man	5
		Theft of grinder.	Grinder not to be left unsupervised. If not in use the grinder must be returned to the store.	5
5	Maintenance.	Defects not reported may lead to injuries, equipment damage and disability.	All defects on the grinder must be reported to the supervisor.	12
		Defects repaired by an incompetent employee may cause injury, equipment damage and disability.	Only trained and competent persons to repair the grinder.	12