

01.02.2.2 Risk Assessment table – Protection measures

(1)		Hazard (2)		(3)	(4)	(5)
No.	Specific Hazard Area:	Hazard Description		Person	Harm	Current safety measures
1	0	Crusher		-	-	-
1	1	Crusher moving parts	The moving parts of the crusher to come into contact with people	Operators Maintenance technicians	Serious injury, Death	Use of Guards. Use of securing procedures so that all personnel is removed from the area
1	2	Electricity	During the maintenance of the electrical parts there is a hazard from the electric cables	Maintenance technicians	Serious injury, Death	Authorised personnel
1	3	Exposure to Noise	During the operation of the crushers	Operators	Gradual hearing impairment	Use of PPE
1	3	Maintenance while machinery is in operation	Necessary interaction with the machinery	Maintenance technicians	Serious injury, Death	Authorised personnel
1	4	Inappropriate loading of material on heavy vehicle	Inappropriate loading can cause the shifting of the load with the result that rocks and material is flung in the area of the hopper	Operators	Serious injury, Death	Training of personnel. Construction of a control room made from concrete to withstand possible crushing
1	5	Movement of heavy goods vehicles	The vehicle can hit an operative while reversing or making him fall in the hopper	Operators	Serious injury, Death	Guards at the back of the vehicle. Training of personnel
1	6	Excessive dust	During unloading dust is flung in the air	Operators	Breathing problems	Use of PPE
1	7	Work inside the hopper	Necessary work in the hopper for the purpose of unblocking the mouth of the hopper	Operators	Serious injury	Training of personnel. Presence of an observer. Check the stability of rocks inside the hopper. Adequate light