

01.02.4.3 Risk Assessment in milling operations (Milling, Homogenisation, Storage) – Raw material and cement mills

(1)		Πηγή / Hazard (2)		(3)	(4)	(5)
No.	Specific Hazard Area	Hazard Description	Person	Harm	Current safety measures	
1	0	Risk Assessment in milling operations – Raw material and cement mills				
1	1	Airborne dust	Airborne dust in the milling area	Operators	Breathing problems	PPEs, Dust suction systems
1	2	Mechanical moving parts of mills	Contact with moving parts	Operators	Serious injury	Proper guarding, PPEs.
1	3	Falling material	During transportation there a risk from falling material	Operators	Serious injury	Proper guarding, PPEs.
1	4	Operators falling from height	Operatives falling from height by not using approved passageways	Operators , Maintenance Technicians	Serious injury , Death	Proper guarding, Safety signage PPEs.
1	5	Maintenance/cleaning activity on operating machinery	Increased risk if carried out by unauthorised personnel	Operators , Maintenance Technicians	Serious injury , Death	Proper guarding, PPEs, Supervised work
1	6	Exposed to excessive noise levels	Exposed to excessive noise levels in the milling areas due to the crushing of material inside the mill and due to the operation of the homogenisation blowers	Operators , Maintenance Technicians	Gradual hearing impairment	Minimise noise at source or isolate noise. PPEs. Secure the doors of the homogenisation rooms
1	7	Work in confined spaces	Work in confined spaces during the repair of the mill inner walls or the replacement of the milling balls	Operators , Maintenance Technicians	Serious injury , Death	, PPEs, Supervised work
1	8	Back firing	Hot gases returning back due to insufficient respiration of the furnace	Operators , Maintenance Technicians	Serious injury from burns, Death	Use of an automatic fuel interruption system (fusible link)