

Activity	Sub-Activities	R / NR	Hazard	Hazard No	Risk	Present control	Legal	Probability	Consequence	Residual	Risk level	Sig. Hira No.	Priority No.	Object No.	Additional Controls			OCD No.	MP No.		
															Operational	Control	EC			W	P
Fire protection System AMC	Checking and maintenance of fire extinguishers, refilling, testing and replacement if spare parts if required	R	Chances of explosion while hydrotest, dusting exposure while refilling, hand injury while handling of EE	1	STF/Explosion/ Eye irritation /Injury	Regular monitoring of system	1	1	3	3	3										
	Checking and maintenance water of water hydrant system	R	High pressure water may enter into eyes	2	Eye irritation /Injury	Regular monitoring of system	1	1	3	3	L										
	Checking and maintenance of control panel	R	Chances of electric shock	3	Body injury / Death	Regular monitoring of system	1	1	3	3	L										
	Checking and maintenance sprinklers system	R	High pressure water may enter into eyes	4	Eye irritation /Injury	Regular monitoring of system	1	1	3	3	L										
	Checking and maintenance of hydrant pump/motor	R	Chances of electric shock	5	Body injury / Death	Regular monitoring of system	1	1	3	3	L										
	Checking and maintenance of manual call points/panel of fire alarm system	R	Chances of electric shock	6	Body injury / Death	Regular monitoring of system	1	1	3	3	L										
	Checking and maintenance of CCTV	R	Chances of electric shock	6	Body injury / Death	Regular monitoring of system	1	1	3	3	L										
	Checking and maintenance of panel of gas leak detection system	R	Chances of electric shock	7	Body injury / Death	Regular monitoring of system	1	1	3	3	L										

  

Rating	POO	Severity of Risk		
		Injury	Ill Health	Property
1 UNLIKELY		Injury not calling for any first aid treatment	Illness having momentary discomfort	
2 LIKELY		Injury calling for first aid treatment	Illness due to acute exposure or hospitalisation for more than 48 hrs.	
3 VERY LIKELY		Injury leading to temporary / permanent disability	Illness due to chronic exposure having long effect.	

  

MATRIX		
Consequence	Probability	Risk
3/M	1/L	3/L
6/H	2/L	6/L
9/E	3/M	9/M

  

Abb	Description	Impact For
E	Elimination	MP
S	Substitution	MP
EC	Engineering Control	MP
W	Warnings/Signage/Access Controls	OCD
P	Personal Protective Equipments	OCD