

MBARI / Alcatel-Lucent MVC Internal Unit Risk Assessment

2 MAN OPERATION THROUGHOUT

25-Mar-10

Operation	Risk	No. People	Severity	Likelihood	Likelihood x Severity	Action	Severity	Likelihood	Total After Action	Notes
Set-up Lab HV										
Cropping wire	Eye Injury	4	4	3	12	Wear safety Goggles, Eye wash will be provided.	4	1	4	
Lab working	Fall Injury	4	4	3	12	Close and latch roll-up doors.	4	1	4	
	Tripping	4				Minimize working numbers to Alcatel personnel and 1 MBARI personnel				
Housekeeping	Tripping	4	3	3	9	Keep area tidy and clean, remove trip hazards	3	1	3	
	Drop Hazard		3	3	9	Keep heavy object off benches	3	1	3	
HV and LV Testing		4								
Testing	HV shock	4	5	3	15	Access to barrier area will be restricted to trained personnel, Tony Evans.	5	1	5	
						One MBARI employee outside barrier, capable of operating AC disconnect, at all times.				
	Tripping	4	3	3	9	Spill kit, boom, and mats will be set up for Fluorinert drainage.	3	1	3	
Fluorinert Fill / Drain		4								
Filling	Eye Splash	4	4	3	12	Wear safety Goggles, Eye wash will be provided.	4	1	4	
	Fluorinert Spill	4	2	3	6	Spill kit, boom, and mats will be set up prior to Fluorinert fill. Drum and plastic bags for waste will be placed outside of lab prior to fill. 2 man operation	2	2	4	
Fluorinert Drain	Tripping					Spill kits will be removed before HV testing.				
	Fluorinert Spill	4	2	3	6	Spill kit, boom, and mats will be set up prior to Fluorinert fill. Drum and plastic bags for waste will be placed outside of lab prior to fill. 2 man operation	2	2	4	

Severity

5 Danger of Death
 4 Loss of Limb –Severe disablement
 3 Major Injury – broken limb etc
 2 Minor Injury – cuts, bruises
 1 no injury

Likelihood

5 Highly likely
 4 Probable
 3 Possible
 2 Not likely
 1 Highly unlikely

***Review 'total after action' every 6 months if above 4**

X	MARS Representative		MARS Representative Signature		Date	
X	H&S Officer Representative		H&S Officer Signature		Date	
X	HV Specialist Representative		HV Specialist Signature		Date	
X	Chemical Advisor		Chemical Advisor Signature		Date	