



SUB-PLAN 3: ACCIDENT PREVENTION PLAN

Activity Hazard Analysis (AHA)

Activity/Work Task: Inspecting of Electrical Distribution Equipment	Overall Risk Assessment Code (RAC) (Use highest code)	M				
Project Location: CENTCOM AOR	Risk Assessment Code (RAC) Matrix					
Contract Number: W912DY24R0043	Severity	Probability				
Date Prepared: 01/01/2025		Frequent (F)	Likely (L)	Occasional (O)	Seldom (S)	Unlikely (U)
Prepared by (Name/Title): Glenn Thompson/Project Manager	Catastrophic (C)	E	E	H	H	M
	Critical (Cr)	E	H	H	M	L
Reviewed by (Name/Title): Dwayne Gipson/Program Manager	Marginal (M)	H	M	M	L	L
	Negligible (N)	M	L	L	L	L
Employer/GBU: Versar	Step 1: Review each "Hazard" with identified safety "Controls" and determine RAC (See above). The RAC is developed after correctly identifying all the hazards and fully implementing all controls.					
Notes: (Field Notes, Review Comments, etc.) References:	P "Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent (F), Likely (L), Occasional (O), Seldom (S) or Unlikely (U).				RAC Chart	
	S "Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic (C), Critical (Cr), Marginal (M), or Negligible (N)				E = Extremely High Risk	
	Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.				H = High Risk M = Moderate Risk L = Low Risk	

Job Steps	Hazards	Controls	P	S	RAC
1. Inspecting of Electrical Distribution Equipment.	1.1. Exposure to Electric shock.	1.1.1. Only Qualified & Authorized employees to access the electrical equipment. 1.1.2. Verify that there is no water around the area while inspecting. 1.1.3. Keep body dry while inspecting electrical distribution equipment. 1.1.4. Verify that the source is de-energized prior to inspection. 1.1.5. Use of Lock Out Tag Out (LOTO) procedures (S3AM-325). 1.1.6. Verify that the ELCB (Earth Leak Circuit Breaker) is functional. 1.1.7. All electrical equipment to be considered as energized and treated with caution. 1.1.8. Verify that the emergency preparedness plan is in place.	S	Cr	M



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Job Steps	Hazards	Controls	P	S	RAC
		1.1.9. Use appropriate PPE (Personal Protective Equipment) with ensuring the voltage of the PPE and Equipment voltage rating are in compliance.			
	1.2. Exposure to Fire/ Explosion.	1.2.1. Verify that adequate fire protection is in place (Fire Extinguishers) 1.2.2. Verify that fuel & chemicals are stored away from the energized electrical equipment. 1.2.3. Verify all electrical equipment is de-energized & isolated while inspecting it. (LOTO)	C	U	M
	1.3. Slips Trips & Falls.	1.3.1. Verify that the area is well illuminated. 1.3.2. Verify that cables are stowed appropriately 1.3.3. Do not step on any cables while walking or crossing. 1.3.4. Use designated walkways only. 1.3.5. Verify that there is no water/ slippery material on the floor/ footwear.	S	M	L
Equipment to be Used	Training Requirements/Competent or Qualified Personnel	Inspection Requirements			
Hand and power tools Personal Protective Equipment.	Safety Orientation	Inspect hand tools for excessive wear and loose parts. Inspect daily for broken / damaged parts. Any equipment found defective will be taken out of service and replaced immediately. All PPE should be inspected prior to use. All Employees are to report unsafe conditions as they are observed to their immediate supervisor and a project safety committee member. Effort should be made to communicate findings to contractor.			