



SUB-PLAN 3: ACCIDENT PREVENTION PLAN

**Activity Hazard Analysis (AHA)**

Activity/Work Task: Electrical Systems Repair	Overall Risk Assessment Code (RAC) (Use highest code)					<b>M</b>
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) Note: The RAC is determined after implementing the control for listed hazard.					
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).				<b>RAC Chart</b> E = Extremely High Risk
	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)				H = 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.				M = Moderate Risk
						L = Low Risk

Job Steps	Hazards	Controls	P	S	RAC
1. Gather tools	1.1 Material handling	1.1.1 Use proper lifting techniques 1.1.2 Housekeeping practices	S	M	L
2. Work on energized systems	2.1 Electrocutation, shock	2.1.1 PPE – Arc Flash suit, electrical safe gloves 2.1.2 LOTO practices (S3AM-325) 2.1.3 Arc Flash training	S	Cr	M
3. Inspect work area around job site	3.1 Tripping hazard – uneven surfaces, debris, equipment blocking adequate access to electrical equipment	3.1.1 Use proper lifting techniques 3.1.2 PPE: Footwear, hand protection, eye protection 3.1.3 Portable lighting as needed 3.1.4 Proper housekeeping practices	S	Cr	M
4. Make repairs as needed	4.1 Electric shock	4.1.1 Proper training in use of test equipment 4.1.2 Energized work permit	S	Cr	M
	4.2 Sharp edges	4.2.1 PPE - gloves	S	M	L
	4.3 Working from heights	4.3.1 Proper working from heights training	S	M	L



SUB-PLAN 3: ACCIDENT PREVENTION PLAN

**Activity Hazard Analysis (AHA)**

Job Steps	Hazards	Controls	P	S	RAC
	4.4 Use of hand tools	4.4.1 Proper training of tool use 4.4.2 Inspect tools prior to each use	S	M	L
	4.5 Use of power tools	4.5.1 Proper training of tool use 4.5.2 Inspect tools prior to each use	S	Cr	M
	4.6 Debris in eyes	4.6.1 Proper eye protection	S	M	L
	4.7 Blood contamination, saliva, mucous	4.7.1 Rubber gloves, glasses, face shield, mouth covers for person giving first aid, first aid kits	S	M	L
5. Driving	5.1 Stuck, caught in between, accident	5.1.1 Obey speed, obey signs posted 5.1.2 Do not get in between vehicles 5.1.3 Use ground guides	S	Cr	M
Equipment to be Used	Training Requirements/Competent or Qualified Personnel	Inspection Requirements			
Hand and Power Tools Personal Protective Equipment	Task AHA Development and Training Requirement 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 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.			