



SUB-PLAN 3: ACCIDENT PREVENTION PLAN

**Activity Hazard Analysis (AHA)**

|  |   |  |            |                |                          |                                |
|--|---|--|------------|----------------|--------------------------|--------------------------------|
| Activity/Work Task: Equipment Operations                   | 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)<br>Note: The RAC is determined after implementing the control for listed hazard. |  |            |                |                          |                                |
| Notes: (Field Notes, Review Comments, etc.)<br>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>               |
|  | 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) |            |                |                          | <b>E = Extremely High Risk</b> |
|  | 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.                     |            |                |                          | <b>H = High Risk</b>           |
|  |   |  |            |                | <b>M = Moderate Risk</b> |                                |
|  |   |  |            |                | <b>L = Low Risk</b>      |                                |

| Job Steps                             | Hazards   | Controls  | P | S | RAC |
|---------------------------------------|---|---|---|---|-----|
| 1. Inspection and checks of Equipment | 1.1 Slips, trips, and falls to the same surface from uneven walking surfaces such as sand, gravel and holes | 1.1.1 Look at walking area before moving and stay aware of where you are placing your feet at all times.<br>1.1.2 Use suitable PPE (boots for surface you are walking on. | S | M | L   |
|                                       | 1.2 Crushing or pinching fingers, hands, or arms when closing or opening doors or hood or compartments      | 1.2.1 Open and close doors slowly and always be aware of where you and others in the area are placing your hands and arms.  | S | M | L   |
|                                       | 1.3 Cuts, lacerations, or punctures from sharp edges from equipment parts that maybe loose or damaged       | 1.3.1 Do not drag or slide your hands over any parts of the car or truck.<br>1.3.2 Use leather gloves when handling parts or pieces that maybe broken or loose.           | S | M | L   |
| 2. Opening/Closing Storage Containers | 2.1 Handles and doors of Storage Containers can be extremely hot.   | 2.1.1 Wear proper PPE – heat resistant work gloves.   | S | M | L   |



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|  | 2.2 Crushing or pinching fingers, hands, or arms when closing or opening container doors                          | 2.2.1 Open and close doors slowly and always be aware of where you and others in the area are placing your hands and arms.<br>2.2.2 When securing handles keep opposite hand out of the way and be aware of loose clothing that could be caught in handle.   | S | M | L   |
| 3. Moving the Load                       | 3.1 Dropping Loads on workers and equipment below or damaging the load.   | 3.1.1 Do not carry loads directly over people.<br>3.1.2 Operators will not leave their position at the controls while the load is suspended.<br>3.1.3 The operator will test the brakes each time a load approaching the rated load is handled. The brakes will be tested by raising the load a few inches and applying the brakes.<br>3.1.4 If hoisting with forklift, the hoist chain or hoist rope will be free from kinks or twists and will not be wrapped around the load.<br>3.1.5 Care will be taken to make certain that the load clears all obstacles. | S | C | M   |
| 4. Operating Equipment on local roadways | 4.1 Equipment damage from backing or driving into barriers, cars or people  | 4.1.1 Allow only properly licensed operators to operate Equipment.<br>4.1.2 Train all operators of passenger vehicles on the TF Safe Program Operation of Equipment.<br>4.1.3 Always look around the immediate area and travel path before getting into the equipment and be aware of items that you may back into or run into.<br>4.1.4 Sound horn before backing up so that people walking is made aware you are moving.<br>4.1.5 Have a passenger guide ( <b>ground guide</b> ) you when your visibility is limited or the space is very small.               | S | M | L   |
|  | 4.2 Equipment damage and / or personal injury from running into or being struck by another vehicle on the roadway | <b>4.2.1 DO NOT</b> use an electronic device (cell phones, iPods, iPads, GPS's) while operating equipment.<br>4.2.2 Stay focused on the roadway and look for   | S | M | L   |



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|   |   | other vehicles on the roadway while driving.  |   |    | M   |
|   | 4.3 Losing control of load or equipment and rolling it over or running into another vehicle or object because of bad roadways, fatigue. | 4.3.1 Ensure load is secure and drive equipment at a slow rate of speed.<br>4.3.2 Check tires regularly for proper air pressure, tire tread defects, or objects stuck in the tires.<br>4.3.3 Do not operate equipment when overly tired..<br>4.3.4 Stay focused on the roadway and avoid potholes, trash, or other roadway issues.  | O | Cr | M   |
| 5. Fill up vehicle with Fuel                        | 5.1 Burns or vehicle damage from sparks starting fires from fuel fumes  | 5.1.1 Always turn off engine before filling vehicle with fuel.<br>5.1.2 Touch the outside of the vehicle (grounding) before touching fuel nozzle to reduce the chance of sparks from static electricity build up on the body.   | S | M  | L   |
| 6. Stopping to address a vehicle emergency or issue | 6.1 Personal injury or equipment damage from being struck by another vehicle  | 6.1.1 For emergency issues such as a flat tire or engine problems, pull the equipment out of the lane of traffic as far as possible.<br>6.1.2 Look for other vehicles before opening doors and exiting vehicles near the roadway.<br>6.1.3 Place safety triangle (reflective triangle) at least 10 meters behind the vehicle.<br>6.1.4 Call emergency numbers to report equipment issues. | O | Cr | M   |
|   | 6.2 Burns from Equipment fires  | 6.2.1 Use fire extinguisher in equipment to put out fires if it is safe to do so.<br>6.2.2 Ensure you are trained in fire extinguisher use.   | S | M  | L   |
| 7. Park Vehicle                                     | 7.1 Equipment damage from parking to close to other vehicles or objects.  | 7.1.1 Park in proper parking spaces and allow enough room between your equipment and other near you.<br>7.1.2 Back into parking spaces where safe to do so to reduce the need for you to back out into traffic.   | L | M  | M   |
|   | 7.2 Equipment damage from vandalism or other people damage vehicle.   | 7.2.1 Park in defined parking spaces and be aware of people that are in the area when you leave your equipment.   | S | M  | L   |



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|                      |   | 7.2.2 Always inspect the equipment before use.   |   |   |     |
| Equipment to be Used | Training Requirements/Competent or Qualified Personnel  | Inspection Requirements  |   |   |     |
| Forklift             | <ul style="list-style-type: none"> <li>• Task AHA Development and Training Requirement</li> <li>• Safety Orientation</li> <li>• Hands on Training Test</li> </ul> | 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. |   |   |     |