

## SAFETY AND INDUSTRIAL HYGIENE HAZARD ASSESSMENT

<b>Installation:</b>	_____
<b>Organization:</b>	_____
<b>Building #:</b>	_____
<b>Similar Exposure</b>	_____
<b>Assessors:</b>	_____

Assemble the materials below for review while completing the Safety and Industrial Hygiene Hazard Risk Assessment.

<b>1) Previous IH/Safety Inspections</b>
<b>2) Local Written Hazard Control Programs, Procedures and Plans</b>
<b>3) Injury/Illness Logs</b>
<b>4) Accident/Incident/Near-Miss Investigation Reports or Summaries</b>
<b>5) Employee Hazard Reports</b>
<b>6) Completed Job Hazard Analysis of Job Safety Analysis</b>
<b>7) Employee Hazard Reports</b>
<b>6) Health Hazard Inventory or Industrial Hygiene Implementation Plan</b>

Answer the questions in the highlighted spaces below to determine which Sections of the Safety and Industrial Hygiene Hazard Assessment will need completed. Please note that some Sections are mandatory for all locations (as indicated below). Based on the answers below either entire Sections or Sub-sections of the review may not need completed.

<b>Assessment Section</b>	<b>Is Section Applicable for the Location Being Assessed (Y or N)?</b>
<b>1. Safety Management Program and Required Postings (MP)</b>	<b>Y</b>
This section is required for all locations	
<b>2. Tools and Equipment and Lockout/Tagout (TE)</b>	<b>Y</b>
a) Does this location have compressed gas cylinder storage?	<b>y</b>
b) Does this location include a welding, cutting or braising operation?	<b>y</b>
c) Does this location include a metal shop, wood shop, fitting shop or other machine shop operation?	<b>y</b>
d) Are bench grinders or portable grinders used at this location?	<b>y</b>
e) Are ladders used at this location?	<b>y</b>
f) Are hand tools or portable power tools used by employees at this location?	<b>y</b>
g) Does this location have electrical service?	<b>y</b>
h) Does this location include energized equipment requiring preventative maintenance or failure maintenance?	<b>y</b>
<b>3. Walking and Working Surfaces and Confined Spaces (WW)</b>	<b>Y</b>
Subsections of this Section are required for all locations (Elevated Surfaces and Walking & Working Surfaces)	
a) Does this location have confined spaces or permit required confined spaces?	
<b>4. Personal Protective Equipment and Fall Protection (PPE)</b>	<b>y</b>
Subsections of this Section are required for all locations (PPE Evaluation and General)	
a) Do employees perform elevated work at least 4 feet off the floor without a standard railing?	
b) Do employees work with any chemicals at this location?	
c) Does this location include a welding, cutting or brazing operation?	
d) Does this location include a metal shop, wood shop, fitting shop or other machine shop operation?	
e) Are stock pickers, booms, or other elevating powered industrial trucks operated at this location?	
f) Are propane tanks, hydrogen fuel cells or other fueling operations performed at this location?	
g) Are there noisy work areas at this location?	
h) Do employees work on energized surfaces?	
<b>5. Powered Industrial Trucks and Racking (PIT)</b>	<b>y</b>
a) Are Powered Industrial Trucks operated at this location?	
b) Is material stored in steel racking units?	
<b>6. Trailer Control (TC)</b>	<b>y</b>
a) Does this location have a receiving or shipping operation?	
<b>7. Fire Protection and Fire Prevention (FS)</b>	<b>Y</b>
This section is required for all locations	
<b>8. Life Safety and Emergency Procedures (LS)</b>	<b>Y</b>
This section is required for all locations	
<b>9. Occupational Health (OH)</b>	<b>Y</b>
Subsections of this Section are required for all locations (General, Hazard Communication, Bloodborne Pathogens and Eyewash & Emergency Shower)	<b>y</b>
a) Do employees at this location work with open surface tanks, spray paint operations, coating operations, liquid pouring stations, vapor degreasing units, wet mixing stations, or complete gas or electric arc welding?	
b) Do employees at this location perform abrasive blasting, abrasive machining, bagging and handling of dry materials, crushing or grinding, dry mixing, wet grinding, facility renovation work or work on surfaces covered lead based paint?	
c) Do employees at this location work with Drying ovens, gas furnaces or oven heating operations, material handling warehousing with (PIT), open surface tanks, or complete gas or arc welding ?	
d) Do employees at this location work with open surface tanks, machine or metal shops, drawing operations, wet grinding, wet blasting or wet mixing operations?	
e) Do employees at this location complete gas or arc welding?	
f) Do employees at this location work with gas furnaces, microwave and radio frequency heating operations, machine or metal shops, wood shops, engine rooms, flight line operations, vehicle repair and tire changing stations?	
g) Do employees at this location work in cold or hot environments for extended periods of time to include (outside environment, steam rooms, microwave and radio frequency heating operations, etc...)	
h) Do employees at this location work with radioactive materials?	
i) Do employees at this location perform arc welding, electron beam welding or work with class 2, 3, and 4 lasers?	
j) Do employees at this location work in machine shops, perform bagging & handling of dry materials, plating operations, or work at vapor degreasing stations.	
k) Is poor indoor air quality (IAQ) a concern at this location?	
<b>10. Asbestos Management and Exposure Prevention (ACM)</b>	<b>Y</b>
a) Were facilities at this location built before 1980 and are asbestos containing materials present?	
<b>11. Process Safety Management (PSM)</b>	<b>y</b>
a) Does this location assemble, manufacture or DEMIL ordinance?	<b>y</b>
b) Does this location include a covered process as defined by 29 CFR 1910.119?	<b>y</b>
<b>12. Crane and Hoist (CRN)</b>	<b>Y</b>
a) Are cranes and hoists used at this location?	

b) Are mobile cranes and hoists used at this location?	
<b>13. Ergonomics (ERG)</b>	<b>Y</b>
a) Is there a history of employee strains, sprains or musculoskeletal disorders?	
b) Do tasks performed at this location require:	
1. frequent or repetitive lifting?	
2. manual material handling as a primary job function?	
3. computer terminal operation as a primary job function?	
4. long periods of standing or sitting?	
5. bending, stretching, or awkward repetitive motions?	

For the Sections 1-13 answered "Yes", please go to the applicable tab to complete the assessment for that Section. If a particular question does not apply to the site, leave the columns blank.

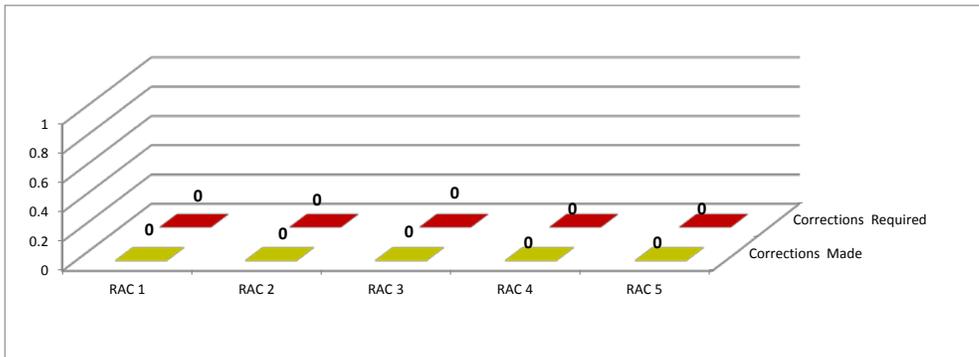
**Safety Management Program and Required Postings**

<b>ASSESSMENT CRITERIA</b> <i>(complete sections that are not shaded)</i>	Enter "Y" or "N". If No, enter a Corrective Action in highlighted column	Enter Risk Assessment Code (RAC) Score 1-5	Hazard Description (Be Specific as to Location, Operation, Task and Type of Hazard)	Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal	Action Completion Date
<b>29 CFR 1960.6 thru 26</b>					
<b>Safety Instruction</b>					
The local safety instruction and one book can be located by the safety manager					
The safety policy statement is signed by the current director or commanding officer and posted.					
The safety mission statement is signed by the current director or commanding officer and posted					
<b>Safety Goals</b>					
Safety goals and objectives have been created, up-to-date, and are posted.					
<b>Management Participation</b>					
There is at least one means to verify management participation					
Area inspections are being completed and management is involved in the process					
There is accountability processes in place to ensure management participation					
<b>Safety Awareness Bulletin Board</b>					
The DOD 2272 Poster that lists employees' responsibilities to safety and health is posted and employees know where to find it.					
A safety bulletin board is organized and kept up to date					
<b>Required Postings</b>					
The required OSHA workplace poster is displayed in a prominent location where all employees are likely to see it					
Workers' compensation poster is posted in a common area					
An updated emergency telephone list is available with the last revision date annotated at the bottom of the listing					
<b>Hazard Assessment</b>					
Annual Safety Inspections are completed and final reports are maintained					
Organizational HQ safety personnel contact information is available					
<b>Accident/Incident Reviews</b>					
Accident/Incident reviews are conducted for all incidents and near misses					
Corrective action plans are developed and documented on the incident and near miss review form					
<b>Contractor Safety Program</b>					
It is procedure that all contractors receive the same safety and health training that regular employees receive. This training includes: the identified major hazards onsite, what to do when a hazard is present onsite, emergency information, etc.					
A contractors pre-selection process or scalable oversight program is in use					
Contractor safety training process is in place and tracked					
Contractor compliance verification process is in place					

**Baseline Score %:** 0%  
**Initial Number of Corrections Required:** 0  
**Number of Corrections Made:** 0  
**Outstanding Corrections:** 0  
**Score After Corrections Made:** 0%

RAC 1 => Critical Risk  
 RAC 2 => Serious Risk  
 RAC 3 => Moderate Risk  
 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0





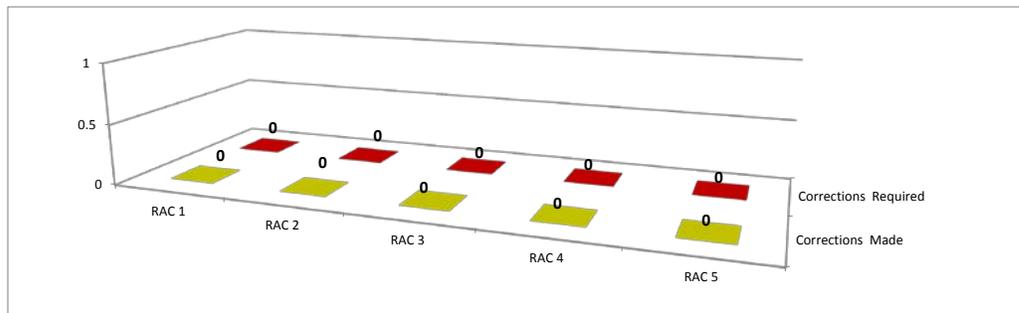
**Walking and Working Surfaces and Confined Spaces**

<b>ASSESSMENT CRITERIA</b> <i>(complete sections that are not shaded)</i>	Enter "Y" or "N". If No, enter a Corrective Action in applicable column	Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Safety Hazards.	Hazard Description 1. Contact with electrical equipment 2. Contact with temperature extremes 3. Fall from elevation 4. Fall on same level 5. Struck against 6. Struck by 7. Caught in, under, or between 8. Rubbed or abraded 9. Physical/bodily reaction (Be Specific as to Location, Operation, Task and Type of Hazard)	Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal sampling, complete a JHA, develop a written plan, etc)	Action Completion Date
<b>Elevated Surfaces (complete this sub-section)</b>					
<b>29 CFR 1910.67</b>					
Signs are posted, where appropriate, showing the elevated surface load capacities					
Surfaces elevated more than 48 inches above the floor or ground are provided with standard guard rails					
Permanent means of access and egress are provided to elevated storage and work surfaces					
Adequate head room is available					
Material on elevated surfaces is piled, stacked, or racked in a manner to prevent tipping, falling, collapsing, rolling, or spreading					
<b>Walking and Working Surfaces (complete this sub-section)</b>					
<b>29 CFR 1910.22, 23, 24 &amp; 28</b>					
All hatchways, wall, and floor openings are guarded					
Fixed stairways have a minimum width of 22 inches					
All fixed stairways with a width of 68 inches or more are provided with a center stair rail					
Stair treads are non-slip and are in good repair.					
Walkways, stairways, and aisle ways are free of obstructions.					
<b>Confined Space Program (complete if answered Yes to question 3a on pre-assessment questionnaire)</b>					
<b>29 CFR 1910.146</b>					
This location has a confined space entry program and permitting system.					
All employees entering confined spaces have had the proper Confined Space Training.					
Evaluation of all confined spaces has been completed					
It is normal practice that prior to entering a confined space Industrial Hygiene Sampling is conducted by a qualified person to ensure they all safety and health measures are being taken					
An inventory of all the confined spaces is maintained					
All permit required confined spaces have been identified and are properly labeled					
Standard operating procedures for notification of entry, contaminant quantification, emergency procedures, and / or master entry plans (MEP) are executed					
The signage is accurate based on the completed evaluation					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

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 RAC 3 => Moderate Risk  
 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



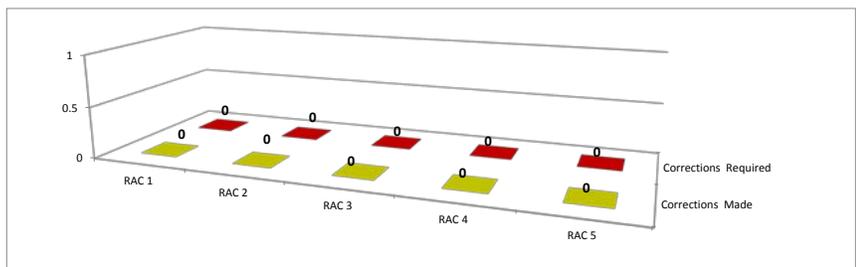
**Personal Protective Equipment and Fall Protection**

<b>ASSESSMENT CRITERIA</b> <i>(complete sections that are not shaded)</i>	Enter "Y" or "N". If No, enter a Corrective Action in applicable column	Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Health Hazards.	Hazard Description: CHEM, BIO, PHY along with a detailed description of the operation and exposure location (Identify if sampling is needed)	Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal sampling, complete a JHA, develop a written plan, etc)	Action Completion Date
<b>PPE Evaluation (complete this sub-section)</b>					
<b>29 CFR 1910.132 thru 139</b>					
There is a written PPE program					
All employees are trained on proper PPE usage for their individual work areas					
Tasks have been evaluated to identify necessary PPE					
All damaged PPE is taken out of service immediately					
There is a written procedure in place for damaged PPE					
This location has a comprehensive Industrial Hygiene Implementation Plan.					
The facility has assessed potential worker exposures to toxic and hazardous substances.					
The facility has been assessed for potential worker exposures to physical agents such as noise, ionizing radiation, non-ionizing radiation, heat or cold stress.					
There are policies, procedures, or methods in place to quantify employee exposures to hazardous materials and physical agents in the workplace including sampling devices, recordkeeping provisions, industrial hygiene equipment upkeep, and calibration schedules.					
Sampling methods are consistent with OSHA requirements or generally accepted NIOSH, ASTM, or DoD-specific procedures. Reports include references to sampling device, calibration and test equipment, sample handling, and documentation or field notes.					
Exposure evaluations are performed by persons having specific training in exposure assessment.					
Exposure monitoring including measurement of air contaminant levels for particular substances is conducted routinely.					
Sample analysis is performed by a laboratory accredited by the American Industrial Hygiene Association (AIHA).					
Employees are informed of exposure monitoring results.					
Worker exposures are maintained within established limits for physical and chemical agents, e.g., OSHA PELs, ACGIH TLVs, or DoD-specific occupational exposure limits.					
There are methods in place to determine the cause(s) of employee overexposures to hazardous materials, if discovered.					
Limited access regulated areas are designated.					
Required Personal protective equipment is made available to employees.					
Training programs are in place to ensure workers are aware of hazardous materials in the workplace and training is documented.					
A medical surveillance program is in place, including pre-employment exams and periodic follow-up exams and compound specific exams.					
Records of worker exposure monitoring and exposures are maintained in accordance with regulatory requirements.					
There are methods in place to ensure compliance with compound-specific work practice and administrative control programs.					
<b>Fall Protection (complete if answered Yes to question 4a on pre-assessment questionnaire)</b>					
<b>29 CFR 1926.500 thru 503</b>					
This location has a written fall protection program.					
Every employees is issued their own fall protection equipment					
Fall Protection Personal Protective Equipment is available and in good condition					
All fall protection is tested annually by a qualified individual to ensure that it is operable					
Fall protection equipment is inspected before each use and taken out of service if found to be damaged.					
Equipment is taken out of service immediately after restraining a fall.					
Employees are using fall protection equipment when operating scissor lifts, powered basket trucks, or other equipment for completing elevated work 4 or more feet above the floor without a standard railing					
Anchor points are available overhead					
Face shields and appropriate safety glasses available and used					
When operating abrasive wheels and other rotating equipment, employees are not wearing loose clothing or long sleeves that could potentially get caught in the equipment.					
<b>Stock picker, boom lift or scissors lift operators (complete if answered Yes to question 4e on pre-assessment questionnaire)</b>					
<b>29 CFR 1910.178</b>					
Approved body harness, approved shock absorbing lanyard, and approved anchor points available and used					
<b>Electrical Safety PPE (complete if answered Yes to question 4h on pre-assessment questionnaire)</b>					
<b>29 CFR 1910.335</b>					
When working where there is a possible exposure to arc-flash, personnel are trained in accordance with NFPA-70e and use PPE specifically designed to protect against arc flash is provided and used.					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

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	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



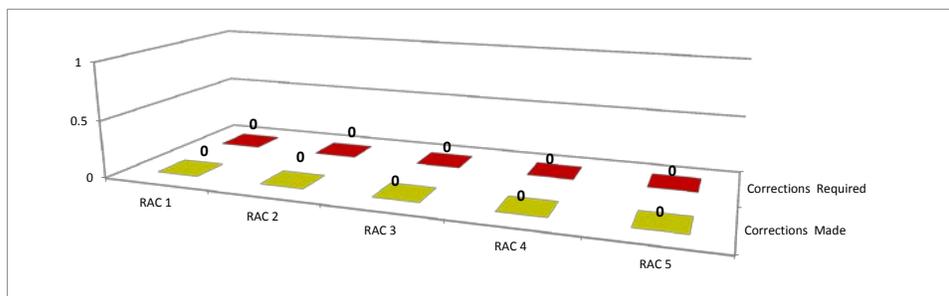
**Powered Industrial Trucks and Racking**

<p align="center"><b>ASSESSMENT CRITERIA</b> (complete sections that are not shaded)</p>	<p>Enter "Y" or "N". If No, enter a Corrective Action in applicable column</p>	<p>Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Health Hazards. (This code is to be</p>	<p><b>Hazard Description</b>                      1. Contact with electrical equipment                      2. Contact with temperature extremes                      3. Fall from elevation                      4. Fall on same level                      5. Struck against                      6. Struck by                      7. Caught in, under, or between                      8. Rubbed or abraded                      9. Physical/bodily reaction                      (Be Specific as to Location, Operation, Task and Type of Hazard)</p>	<p><b>Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal sampling, complete a JHA, develop a written plan, etc)</b></p>	<p><b>Action Completion Date</b></p>
<p><b>Powered Industrial Truck B3 Training (complete if answered Yes to question 5a on pre-assessment questionnaire)</b></p>					
<p><b>29 CFR 1910.178</b></p>					
<p>This location has a MHE safety policy / program</p>					
<p>There is a master list of licensed operators</p>					
<p>Powered equipment license history is maintained</p>					
<p>Equipment certification/re-certification forms are completed</p>					
<p>All trucks have a lifting capacity adequate for the work being performed</p>					
<p>Retraining is required every 3 years or after a mishap or near miss event</p>					
<p>This location has an MHE operator training program that provides adequate training time on each piece of equipment the operator will use to complete their job.</p>					
<p>Visiting employees are trained and licensed at this location before operating Material Handling Equipment.</p>					
<p><b>Powered Equipment Operations (complete if answered Yes to question 5a on pre-assessment questionnaire)</b></p>					
<p>Only trained licensed operators are operating powered equipment</p>					
<p>Each truck has a warning horn, whistle, or other device which can be clearly heard above the normal noise where the lift truck is operated</p>					
<p><b>Powered Equipment Operation Observations (complete if answered Yes to question 5a on pre-assessment questionnaire)</b></p>					
<p>Power equipment operators travel in a single file with a minimum of three (3) lengths between equipment unless passing in the opposite direction</p>					
<p>Seat belts are being worn by all powered industrial truck operators</p>					
<p>All industrial vehicle drivers are driving equipment at a safe speed</p>					
<p>Main aisles have the right of way</p>					
<p>Operators slow down and honk when approaching main and cross aisles</p>					
<p>Operators drive into main aisle with either forks or basket trailing</p>					
<p>Operators look in the direction of travel as well as each side before moving the equipment</p>					
<p>Operators keep forks no more than three (3) inches off the floor when the forklift is in transit</p>					
<p>No one is walking close to the equipment while it is in motion</p>					
<p>Operators stop at all fire doors, proceed with caution, and watch for other traffic</p>					
<p>Operators keep hands and feet within the confines of the equipment</p>					
<p>Operators keep hands on the steering and operating controls while the equipment is in motion</p>					
<p>Operators signal (ex. calling "20 feet") before raising loads</p>					
<p>When a powered industrial truck is left unattended, load engaging means shall be fully lowered, controls shall be neutralized, power shall be shut off, and brakes set</p>					
<p>Pre-use inspection forms are properly completed and available on the equipment</p>					
<p>Pre-use inspection forms are kept on file for three (3) months</p>					
<p><b>Steel Racking (complete if answered Yes to question 5b on pre-assessment questionnaire)</b></p>					
<p><b>ANSI MH 16.1 -2008-1.4 thru 8.4</b></p>					
<p>Racks are secured to the floor</p>					
<p>All racks have the load limits posted on each shelf</p>					
<p>Protective barriers are installed to prevent damage</p>					
<p>Racking is free of physical damage</p>					
<p>Safety pins are securely fixed on both ends of the cross beam</p>					
<p>All modifications to the shelves have been approved by the manufacturer</p>					
<p>Rack welds free of cracks and rust</p>					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

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 RAC 3 => Moderate Risk  
 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



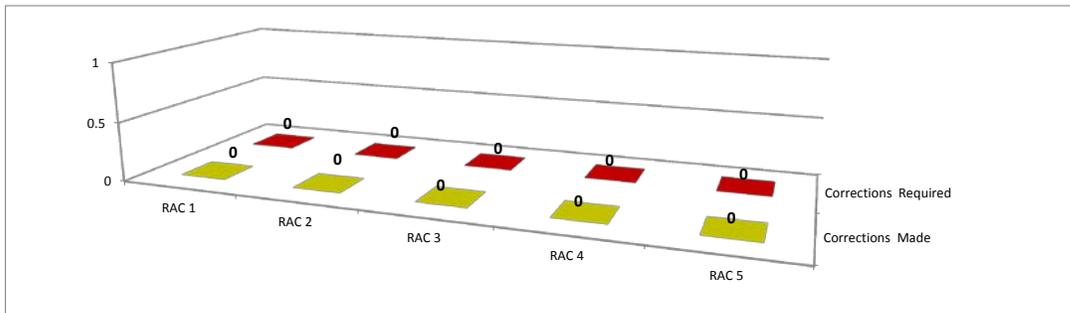
**Trailer Control**

<p align="center"><b>ASSESSMENT CRITERIA</b> (complete sections that are not shaded)</p>	<p>Enter "Y" or "N". If No, enter a Corrective Action in applicable column</p>	<p>Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Safety Hazards.</p>	<p>1. Contact with electrical equipment                  2. Contact with temperature extremes                  3. Fall from elevation                  4. Fall on same level                  5. Struck against                  6. Struck by                  7. Caught in, under, or between                  8. Rubbed or abraded                  9. Physical/bodily reaction                  (Be Specific as to Location, Operation, Task and Type of Hazard)</p>	<p>Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal sampling, complete a JHA, develop a written plan, etc)</p>	<p>Action Completion Date</p>
<p><b>Receiving Area (complete if answered Yes to question 6a on pre-assessment questionnaire)</b></p>					
<p><b>29 CFR 1910.178</b></p>					
<p>Documented trailer control procedures are implemented to prevent pull aways</p>					
<p>Brakes are being set and wheel blocks are kept in place to prevent movement of trucks, trailers, or railroad cars while loading or unloading vehicles.</p>					
<p>Fixed jacks are being used where necessary in order to support semitrailers while loading and unloading when the trailer is not attached to a tractor</p>					
<p>It is proper procedure for the flooring of trucks, trailers, and railroad cars to be checked for breaks and weaknesses before they are driven onto by fork trucks or other vehicles used for loading and unloading items.</p>					
<p>Powered industrial truck trailer entry procedures are being followed</p>					
<p>Proper call out procedures are being followed</p>					
<p>The receiving dock is in good repair.</p>					
<p><b>Shipping Area (complete if answered Yes to question 6a on pre-assessment questionnaire)</b></p>					
<p>Proper call out procedures are being followed</p>					
<p>A Trailer Movement Log or equivalent is being used by the yard driver and the Unload/door Sheet is being used by the Manager, Supervisor, or designated employee.</p>					
<p>The shipping dock is in good repair.</p>					
<p>Portable loading ramps are in good operating condition and are inspected before each use.</p>					
<p><b>Auditing (complete if answered Yes to question 6a on pre-assessment questionnaire)</b></p>					
<p>This Location has trailer control procedures.</p>					
<p>Trailer control procedures are audited at least annually</p>					
<p><b>Dock Lights (Red and Green) (complete if answered Yes to question 6a on pre-assessment questionnaire)</b></p>					
<p>Inspections are conducted weekly</p>					
<p>Follow-ups are completed on all noted discrepancies</p>					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

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 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



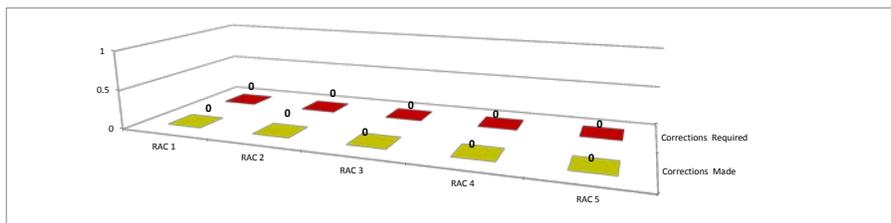
**Fire Protection System and Fire Prevention**

ASSESSMENT CRITERIA (complete sections that are not shaded)	Enter "Y" or "N". If No, enter a Corrective Action in applicable column	Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Safety Hazards.	Hazard Description 1. Contact with electrical equipment 2. Contact with temperature extremes 3. Fall from elevation 4. Fall on same level 5. Struck against 6. Struck by 7. Caught in, under, or between 8. Rubbed or abraded 9. Physical/bodily reaction (Be Specific as to Location, Operation, Task and Type of Hazard)	Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal sampling, complete a JHA, develop a written plan, etc)	Action Completion Date
<b>Sprinkler System</b>					
<b>29 CFR 1910.159 &amp; NFPA 13</b>					
Sprinkler heads are unobstructed (18" clearance)					
Sprinkler heads are protected against damage by system location or with metal guards.					
Fire system valves are locked in the "open" position					
Tests and inspections are completed. There are quarterly drain tests and an annual system inspection. All discrepancies have been addressed					
Verify that the most recent inspection recommendations have been corrected					
<b>Hazardous Waste</b>					
<b>29 CFR 1910.120</b>					
This location has a hazardous waste storage and disposal plan.					
Containers are closed and in good condition and the area is clean					
Incompatible wastes are kept separate					
Barrels are grounded or bonded					
This location has a spill containment plan.					
Spill containment pallets are in use					
Containers are checked for leaks at least weekly.					
Record keeping procedures are current					
Container markers and labeling are visible and legible					
Necessary emergency equipment including fire extinguishers, eyewash / deluge shower stations and spill clean-up materials are available.					
There is at least one employee available at this location or on call with the responsibility for coordinating all applicable emergency response measures.					
<b>Pallet Storage</b>					
<b>NFPA 13 &amp; NFPA 231</b>					
Stacks of pallets are no more than 12 pallets high.					
No inside bulk storage of pallets unless the building is protected by ESFR sprinklers					
Outside bulk storage of pallets should be 50 feet from the building					
<b>Flammable and Combustible Materials</b>					
<b>29 CFR 1910.106 &amp; 107</b>					
This location has a flammable materials safety policy for storage and handling.					
Bulk drums of flammable liquids are grounded and bonded while dispensing.					
Flammable storage cabinets are labeled "Flammable - Keep Fire Away"					
Flammable storage cabinets are not used to store more than their rated capacity.					
Sufficient ventilation is provided to prohibit the build-up of flammable gases.					
All flammable and combustible materials are labeled with their proper name and warnings					
Combustible scrap, debris, and waste materials (only rags, etc.) are stored in covered metal receptacles and emptied frequently					
Flammable liquids are kept in approved containers when not in use (e.g. Gasoline parts cleaning tanks, pans, etc.) or in cabinets (e.g. smaller containers such as aerosol cans, etc.)					
Parts washer, including fusible link, is in good working order and the lid is able to close					
Solvents and flammable wastes are kept in approved covered containers until removed from this location.					
No smoking rules are rigorously enforced in areas where flammable materials are stored.					
The site's written fire protection program includes considerations for spray paint operations					
There are "No Smoking" signs posted in spray paint areas, paint rooms, paint booths and paint storage areas.					
Belts and pulleys inside the booth are fully enclosed, if present.					
Covered metal waste cans are used for paint soaked waste.					
Electric motors for exhaust fans are placed outside the booth.					
Lighting fixtures for paint booths are located outside the booth with interior light being provided through clear sealed panels.					
Paint booth floors, walls, baffles are noncombustible and easy to clean.					
Paint booths are constructed of substantial materials - metal, masonry, or other noncombustible materials.					
Spray painting operations are conducted in spray paint rooms with appropriate exhaust.					
Ventilation ducts have access doors to allow cleaning.					
The spray area is located at least 20 feet from flames, sparks, operating electrical motors, and other ignition sources.					
The spray area is free of hot surfaces.					
The spray area is kept clean of combustible residue.					
<b>Hot Works Permit Procedure</b>					
<b>29 CFR 1910.252 &amp; NFPA 51</b>					
Before cutting and welding is permitted the area is inspected by the individual responsible for authorizing cutting and welding operations. He/she must designate precautions to be followed in granting authorization to proceed, preferably in the form of a Hot Work Permit.					
Hot Work Permits are only being issued to areas that have been proven to be made fire safe by moving all items such as combustibles and other potential ignition sources					
Hot Works Permits and log procedures are used properly and filed (retained for 12 months)					
Fire watch training is held annually and includes fire extinguisher use and fire watch guidelines					
<b>Housekeeping</b>					
<b>29 CFR 1910.22 &amp; 176</b>					
Good housekeeping standards maintained					
Mats, grating, etc. are used where drainage is needed.					
Spills are cleaned up immediately					
An adequate cleaning schedule is maintained to prevent the accumulation of dusts or other contaminants.					
Aisles are free from storage of any items					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

RAC 1 => Critical Risk  
 RAC 2 => Serious Risk  
 RAC 3 => Moderate Risk  
 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0
	0	0



**Life Safety and Emergency Procedures**

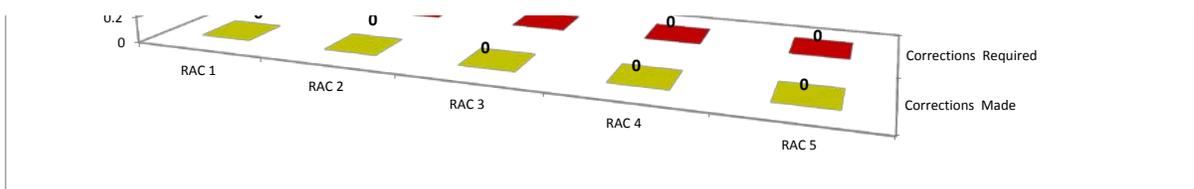
ASSESSMENT CRITERIA (complete sections that are not shaded)	Enter "Y" or "N". If No, enter a Corrective Action in applicable column	Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Safety Hazards.	Hazard Description 1. Contact with electrical equipment 2. Contact with temperature extremes 3. Fall from elevation 4. Fall on same level 5. Struck against 6. Struck by 7. Caught in, under, or between 8. Rubbed or abraded	Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal sampling, complete a JHA, develop a written plan, etc)	Action Completion Date
<b>29 CFR 1910.37 thru 39 Emergency Procedures</b>					
Site specific written procedures are maintained and updated. When written procedures are updated all employees are notified					
The facility has a fire prevention plan that includes all information in the OSHA Standard: 29 CFR 1910.39.					
At least one (1) fire drill per area has been conducted in the previous year					
The facility is involved with the installation's Emergency Planning Committee including being part of the Emergency Plan					
<b>Emergency Evacuation Plans</b>					
Plans are posted throughout the facility					
"You are Here" designations are used and the plans are easily understood					
The maps are coded for different plans (Fire, Severe Weather, etc.)					
The alarm system is functioning properly					
<b>Emergency Exits</b>					
Exits are readily accessible at all times.					
Exits are free from obstructions, inside and outside.					
Exits are arranged so there is not travel towards or adjacent to any area of high hazard.					
Exit routes are shielded from high hazard areas.					
Exit routes are clearly marked to provide a line of sight to the exit.					
Every identified exit leads directly outside or to a walkway, refuge area, public way, or open space with access to the outside					
All identified exits are unlocked					
The width of the exit route is 28 inches or greater.					
Doors along the means of egress open in the direction of travel and are equipped with panic hardware.					
Revolving, sliding, or overhead doors are not considered or used as a required exit door.					
Exit route doors are designed that no failure of a device or alarm will restrict emergency use of exit routes.					
Illuminated exit signs are provided with the word "EXIT" in lettering at least five (5) inches high and 1/2 inch wide					
Fire doors remain closed at all times.					
Every exit sign is suitably illuminated by a reliable light source of at least 5 foot-candles.					
Each identified exit route is adequately lighted so that an employee with normal vision can see along the exit route.					
Doors, passageways, or stairways that neither lead to exits or access to exits and which could be mistaken for exits, are appropriately marked "Not An Exit", "Electrical Closet", "Store Room" etc.					
Exit routes are substantively level or differences in elevation are negotiated by ramps or stairs.					
Exit stairs that continue beyond the floor of discharge are interrupted at the floor of discharge by partitions, doors or other means.					
Exit doors that that open directly into the street or other area where traffic may be encountered are provided with barriers and warning signs to prevent employees from stepping into the path of traffic.					
<b>Emergency Lighting</b>					
Emergency light sources are tested and functioning properly					
Inspections are completed and documented, and there are follow-ups for any noted discrepancies					
The emergency generators are tested as per policy					
<b>Fire Wall Doors</b>					
Inspected per guidelines					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

RAC 1 => Critical Risk  
 RAC 2 => Serious Risk  
 RAC 3 => Moderate Risk  
 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0





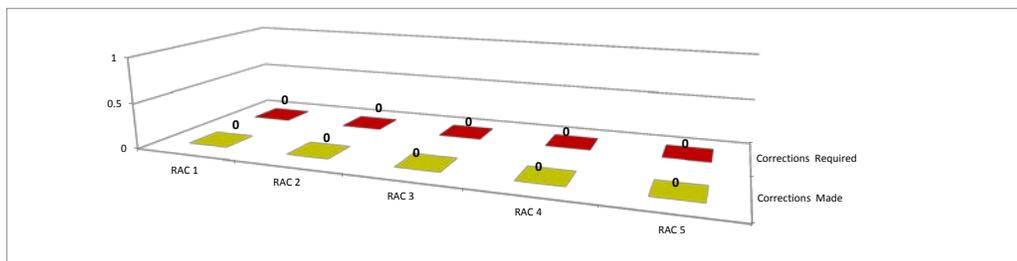
**Occupational Health**

<b>ASSESSMENT CRITERIA</b> <i>(complete sections that are not shaded)</i>	Enter "Y" or "N". If No, enter a Corrective Action in applicable column	Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6085.1 Protocol for Health Hazards. (This code is to be used in prioritizing a sampling strategy. The code can then be adjusted based on assessment findings).	Hazard Description: CHEM, BIO, PHY - along with a detailed description of the operation and exposure location (Identify if sampling is needed)	Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal sampling, complete a JHA, develop a written plan, etc)	Action Completion Date
<b>Hazard Communication (complete this sub-section)</b>					
<b>29 CFR 1910.1200</b>					
The facility has a written Hazard Communication Program in place; the program includes a list of hazardous chemicals present in the workplace, methods used to inform employees of the hazards of nonroutine tasks, methods used to inform contractors of hazards, description of requirements for container labeling, MSDSs, and employee training and how the requirements will be met.					
Each container of hazardous material, including piping in the workplace, is labeled with the identity of the hazardous chemical and appropriate hazard warnings.					
A written procedure requires review of new chemicals prior to purchase.					
MSDSs are available for each hazardous chemical produced, imported, or used in the workplace.					
Employees are trained on the written Hazard Communication Program; training includes methods used to detect presence or release of a hazardous chemical and measures employees can take to protect themselves from hazards.					
An inventory of chemicals used at this facility is maintained. This includes hazardous materials created by processes at this location (example: welding fumes).					
An employee is designated for compiling MSDS's, labeling containers, and conducting employee training.					
Material Safety Data Sheets are available to all employees.					
Bulk samples for potential hazards as identified from the chemical inventory have been collected for analysis and results reviewed.					
Area samples and/or personal dosimetry has been completed for potential chemical hazards. Appropriate engineering controls (e.g. ventilation systems, enclosures, PPE substitution) have been applied.					
Administrative controls (e.g. Worker Rotation, Standard Operating Procedures, Signage) have been applied when only when engineering controls are not feasible.					
Personal Protective Equipment is used only after appropriate engineering controls and administrative controls have been evaluated.					
<b>General Ventilation (complete this sub-section)</b>					
<b>29 CFR 1910.94</b>					
Engineering controls are used for the control of hazards.					
There are methods in place to ensure engineering controls are maintained; documentation of inspection and maintenance operations are maintained.					
<b>Indoor Air Quality (IAQ) (complete if answered Yes to question 9k on pre-assessment questionnaire)</b>					
<b>ACGIH Industrial Ventilation Manual &amp; ASHRAE IAQ Quality Guide</b>					
Employee exposures to IAQ contaminants have been surveyed at this location to include:					
Heating, ventilation, and air conditioning (HVAC) systems are maintained and service records are available.					
Equipment that operates by combustion are on a preventative maintenance schedule.					
Sources of chemical, or microbiological contaminants are identified and removed from the work area. Contaminants include Carbon Dioxide, Volatile Organic Compounds (VOC), Molds, Ozone, and microbial contamination.					
<b>29 CFR 1910.1000</b>					
<b>Airborne Contaminants: Gases</b> (For each entry below that applies to operations at this location, confirm the potential hazard has been recognized, an initial determination has been made based on chemical, physical and toxic properties of the contaminant, size of the workplace, amount and type of ventilation and proximity of the employee to the source of contamination? All operations identified as potentially hazardous have been sampled to assess the exposures using a typical exposure or a worst case scenario).					
Gas furnaces or other combustion operations should be examined to determine the level of by products of combustion that may be released into the workroom atmosphere.					
Warehousing with PIT operation work areas should be checked for levels of carbon monoxide and oxides of nitrogen arising from the internal combustion engine forklift operations. Operations should also be evaluated for ergonomics hazards.					
<b>Heat and Cold Stress (complete if answered Yes to question 9g on pre-assessment questionnaire)</b>					
<b>ACGIH TLVs and BEIs</b>					
Extended work outdoors or in Hot or Cold work areas can cause exposure that can lead to heat or cold stress. Use a wetbulb globe thermometer to take environmental heat measurements.					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

RAC 1 => Critical Risk  
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 RAC 3 => Moderate Risk  
 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



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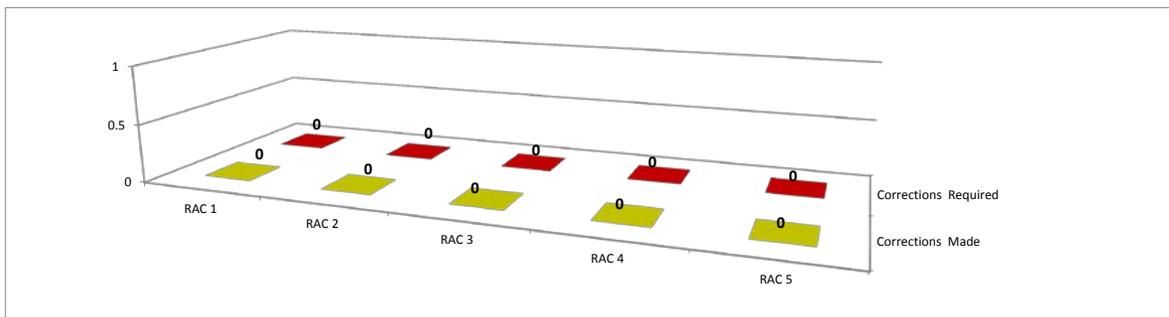
**Asbestos Management and Exposure Prevention**

<b>ASSESSMENT CRITERIA</b> <i>(complete sections that are not shaded)</i>	Enter "Y" or "N". If No, enter a Corrective Action in applicable column	Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Health Hazards. (This code is to be used in prioritizing a sampling strategy. The code can then adjusted based on assessment findings).	Hazard Description: CHEM, BIO, PHY - along with a detailed description of the operation and exposure location (Identify if sampling is needed)	Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete	Action Completion Date
<b>Asbestos Is Not Present at the Installation (complete this sub-section)</b>					
<b>29 CFR 1910.1001 &amp; ASHRAE IAQ Quality Guide</b>					
Potential sources of employee exposure to asbestos have been identified and surveys have been completed.					
There is a written procedure in place that identifies the steps to report damaged asbestos containing materials so that they can be dealt with in a safe, timely manner					
Documentation is available to confirm ACM never has been, or is no longer present in, or on, any of the existing buildings					
A process is in place to monitor construction projects so that ACM will not be re-introduced to the installation					
<b>Asbestos Is Present at the Installation (complete if answered Yes to question 10a on pre-assessment questionnaire)</b>					
A system is in place to ensure construction projects, including self-help projects, are monitored to ensure ACM is not "unknowingly" disturbed during construction activities					
A process is in place to monitor construction projects so that ACM will not be re-introduced to the installation					
Appropriate personnel (i.e., maintenance, housekeeping, carpenters, plumbers, etc.) have received minimum asbestos hazard awareness training as applicable					
All pipes and materials identified as having asbestos in them must be labeled					
An Asbestos Management Plan is in place					
The Asbestos Management Plan is up to date					
The Asbestos Management Plan contains appropriate signatures					
A qualified person is identified. A qualified person is defined as one who is capable of identifying existing asbestos hazards in the workplace and who has the authority to take prompt corrective measures to eliminate them.* but adds a specific training qualification. The training provisions require a competent person take a course which meets the requirements of EPA's Model Accreditation Plan (40 CFR 763, Subpart E)					
General inventory of ACM is up to date - visual inspection of the facility coincides with the management plan (i.e., identified ACM is in place, ACM condition is consistent with descriptions in plans, etc.)					
Response actions, details, and schedules for both emergency and planned remediation efforts are available for review					
Operations & Maintenance plan is available for review					
Abatement Design Specifications are available for review					
Abatement air monitoring results are available for review					
Abatement final clearance results are available for review					
Personal exposure monitoring results are available for review					
If asbestos is found to be crumbling, it is proper procedure to have it removed by a qualified trained individual and the area is appropriately blocked off					
<b>Asbestos Surveys (complete if answered Yes to question 10a on pre-assessment questionnaire)</b>					
Sampling and analysis conducted according to AHERA (40 CFR 763 Subpart E) or generally accepted industry standards					
Survey reports include appropriate interpretation of analysis results					
Damage classification determination is completed					
Disturbance evaluation is completed					
Potential for worker exposure is identified					
Potential for occupant exposure is identified					

**Baseline Score %:** 0%  
**Initial Number of Corrections Required:** 0  
**Number of Corrections Made:** 0  
**Outstanding Corrections:** 0  
**Score After Corrections Made:** 0%

**RAC 1 => Critical Risk**  
**RAC 2 => Serious Risk**  
**RAC 3 => Moderate Risk**  
**RAC 4 => Minor Risk**  
**RAC 5 => Negligible Risk**

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



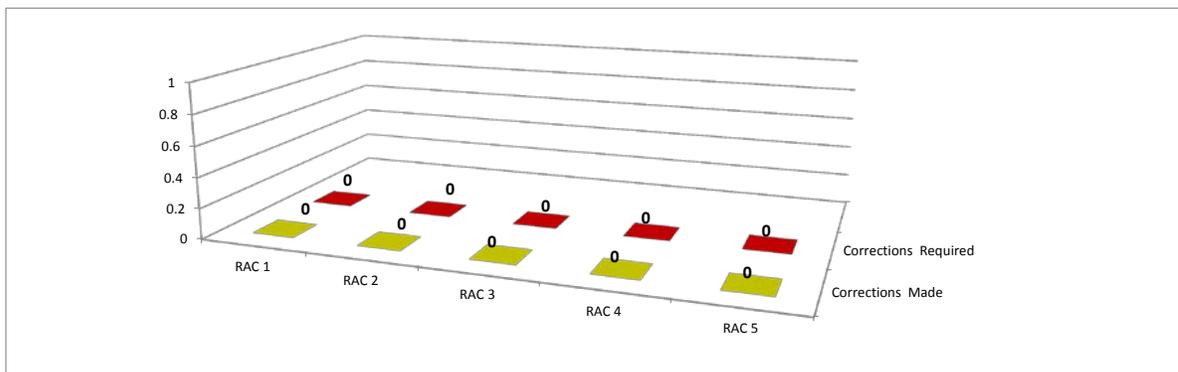
**Process Safety Management**

<p align="center"><b>ASSESSMENT CRITERIA</b> (complete sections that are not shaded)</p>	<p>Enter "Y" or "N". If No, enter a Corrective Action in applicable column</p>	<p>Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1 Protocol for Health</p>	<p>Hazard Description: CHEM, BIO, PHY - along with a detailed description of the operation and exposure location (Identify if sampling is needed)</p>	<p>Action Required (Identify Specific Actions to quantify risk and mitigate: e.g. complete personal</p>	<p>Action Completion Date</p>
<p><i>Process Safety Management, Emergency Response Plan, EPA Risk Management Plan (complete if answered Yes to question 11a on pre-assessment questionnaire)</i></p>					
<p><b>29 CFR 1926.64 thru 65</b></p>					
<p>The installation has a written PSM program and RMP program in place</p>					
<p>All exceptions from the last PSM audit have been corrected</p>					
<p>The installation has a written Emergency Response Plan in place</p>					
<p><i>Identification of Piping Systems (complete if answered Yes to question 11a on pre-assessment questionnaire)</i></p>					
<p>All covered process piping is identified by tags constructed of durable materials, the message carried clearly and permanently distinguishable, and each valve is marked</p>					
<p>Where pipeline contents are identified by abbreviations, this information is readily visible on the pipe near each valve or outlet</p>					
<p><i>Haz-Mat Teams (complete if answered Yes to question 11a on pre-assessment questionnaire)</i></p>					
<p>The roster filed in the Emergency Response Plan is current with the last revision date annotated at the bottom</p>					
<p>Haz-Mat teams have received the appropriate training for their role</p>					
<p>Fit test is completed at least annually on each haz-mat team member and the fit test is documented</p>					
<p>All damaged or worn Haz-Mat Response Equipment is taken out of service and employees are aware of the proper procedure to turn in all damaged equipment</p>					
<p><i>Properly Trained (complete if answered Yes to question 11a on pre-assessment questionnaire)</i></p>					
<p>Medical evaluations/ questionnaires are completed at least annually</p>					
<p>Monthly lessons/training is completed and documented. Each member has attended a minimum of two lessons per quarter</p>					
<p>Haz-Mat Scenario drills are conducted quarterly</p>					
<p>Initial certification and annual re-certification completed by each member</p>					
<p>Haz-mat team members have been trained on proper respirator use</p>					
<p><i>Haz-Mat Response Equipment (complete if answered Yes to question 11a on pre-assessment questionnaire)</i></p>					
<p>Maintained and stocked as specified on the Haz-Mat Inventory List</p>					
<p>Air Purifying Respirators inspected and the inspection documented</p>					
<p>Respirators are stored in a convenient, clean, and sanitary location</p>					
<p>Respirators that are provided for emergency use, such as SCBAs are inspected at least once per month and after each use</p>					

Baseline Score %: 0%  
 Initial Number of Corrections Required: 0  
 Number of Corrections Made: 0  
 Outstanding Corrections: 0  
 Score After Corrections Made: 0%

RAC 1 => Critical Risk  
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 RAC 3 => Moderate Risk  
 RAC 4 => Minor Risk  
 RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



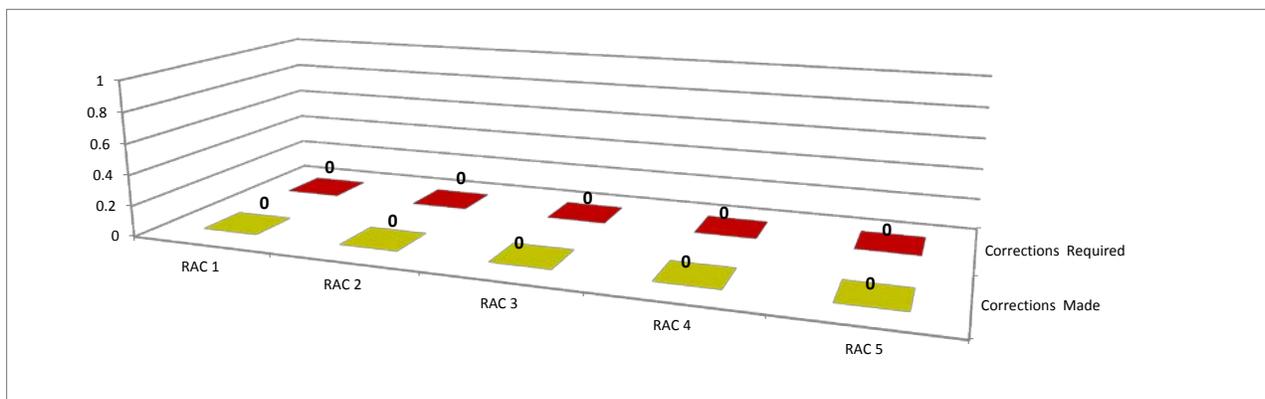
**Ergonomics**

<b>ASSESSMENT CRITERIA</b> <i>(complete sections that are not shaded)</i>	"N". If No, enter a Corrective Action in applicable column	Enter Risk Assessment Code (RAC) Score 1-5 based on the DoD 6055.1	Hazard Description: CHEM, BIO, PHY - along with a detailed description of the operation and exposure location (Identify if sampling is needed)	Required (Identify Specific Actions to quantify risk and mitigate:	Action Completion Date
<i>OSHA and NIOSH Guidelines</i>					
<i>Program</i>					
<b>ERG-1</b> This location has a written ergonomics program.					
<b>ERG-2</b> Job tasks are evaluated for Work-Related Musculoskeletal Risks (Repetition, force, awkward posture)					
<b>ERG-3</b> Employee are trained in techniques to minimize MSD risks (Lifting techniques, workstation set-up, administrative controls)					
<b>ERG-4</b> Administrative controls (Job/task rotation, etc.) are in place to limit employee exposure to higher-risk tasks					
<b>ERG-5</b> Selected workstations are designed for adjustability to limit stretching or awkward postures for a range of workers					
<b>ERG-6</b> Mechanical aids are used where possible to limit strain, twisting, lifting forces, or other stressors on workers.					
<b>ERG-7</b> Workers do not lift objects weighing over 51 lbs alone. Heavy lifts are accomplished with 2 or more people or by using a mechanical assist.					
<b>ERG-8</b> Worker are educated on the signs and symptoms of MSDs					
<b>ERG-9</b> Ergonomically designed tools are utilized where possible					
<b>ERG-10</b> Trending analysis is done to identify areas where MSD may be an issue					
<b>ERG-11</b> Working surfaces are adjustable too accommodate workers height where possible					

**Baseline Score %:** 0%  
**Initial Number of Corrections Required:** 0  
**Number of Corrections Made:** 0  
**Outstanding Corrections:** 0  
**Score After Corrections Made:** 0%

RAC 1 => Critical Risk
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RAC 3 => Moderate Risk
RAC 4 => Minor Risk
RAC 5 => Negligible Risk

	Corrections Required	Corrections Made
RAC 1	0	0
RAC 2	0	0
RAC 3	0	0
RAC 4	0	0
RAC 5	0	0



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### SAFETY AND HEALTH BASELINE ASSESSMENT SUMMARY

**Site Name:** \_\_\_\_\_  
**Site Location:** \_\_\_\_\_  
**Assessment Date:** \_\_\_\_\_

SECTION	Baseline % Score	% Score after Corrections
1. Safety Management Program and Required Postings (MP)	0%	0%
2. Tools and Equipment and Lockout/Tagout (TE)	0%	0%
3. Walking and Working Surfaces and Confined Spaces (WW)	0%	0%
4. Personal Protective Equipment and Fall Protection (PPE)	0%	0%
5. Powered Industrial Trucks and Racking (PIT)	0%	0%
6. Trailer Control (TC)	0%	0%
7. Fire Protection and Fire Prevention (FS)	0%	0%
8. Life Safety and Emergency Procedures (LS)	0%	0%
9. Occupational Health (OH)	0%	0%
10. Asbestos Management and Exposure Prevention (ACM)	0%	0%
11. Process Safety Management (PSM)	0%	0%
12. Crane and Hoist (CRN)	#REF!	#REF!
13. Ergonomics (ERG)	0%	0%

**Baseline Score %:** #REF!  
**Initial Number of Corrections Required:** #REF!  
**Number of Corrections Made:** #REF!  
**Outstanding Corrections:** #REF!  
**Score After Corrections Made:** #REF!

	Corrections Required	Corrections Made
RAC 1	#REF!	#REF!
RAC 2	#REF!	#REF!
RAC 3	#REF!	#REF!
RAC 4	#REF!	#REF!
RAC 5	#REF!	#REF!

