

**Summary Report for Individual Task
551-88H-3510
Supervise Material Handling Equipment (MHE) Operations
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: Assigned as a Section Chief aboard a cargo vessel in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, an operation order/plan, safety briefing, safety equipment, cargo, cargo stowage plan, material handling equipment (MHE), and TC 4-13.17. This task should not be trained in MOPP 4.

Standard: Direct Material Handling Equipment (MHE) operations without injury to personnel or damage to equipment.

Special Condition: None

Safety Level: Low

MOPP: Never

Task Statements

Cue: You are assigned as a Section Chief tasked with supervising MHE operations.

DANGER Adhere to all DANGER statements listed in the vehicle technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.
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WARNING Adhere to all WARNING statements listed in the vehicle technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.
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CAUTION Adhere to all CAUTION statements listed in the vehicle technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.
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Remarks: None

Notes: None

Performance Steps

1. Identify the purpose and types of MHE.

Note: MHE is large, mechanically powered equipment used to lift, transfer, and stack cargo. Types of MHE are: Forklifts (gas or electric), Tractors with trailers, Rough Terrain Container Crane (RTCC), Rough Terrain Container Handler (RTCH) RT240, and Gantry Crane.

Note 2: Some additional non-powered MHE are hand trucks and pallet jacks.

2. Ensure MHE operators are properly trained and licensed if required.

3. Determine the type of MHE to be used based upon the following operational considerations:

- a. Type of cargo
- b. Weight of cargo
- c. Size of cargo
- d. Containers, if used
- e. Distance cargo is to be moved
- f. Type of surface or terrain
- g. Stowage plan

4. Ensure the safe operation of MHE during cargo operations.

- a. Ensure the use of protective clothing and equipment.
- b. Ensure personnel always face the direction of travel.
- c. Direct personnel to only back down ramps.
- d. Ensure the use of standard signals between crewmen.
- e. Ensure adequate clearance from personnel and equipment.
- f. Ensure loads are stabilized before moving.

Note: Always use ground guides during MHE operations.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step is failed (F). If the Soldier fails any step, show what was done wrong and how to do it correctly.

Evaluation Preparation: Ensure that all materials required to perform the task are available. Tell the Soldier that he/she will be evaluated on supervising Material Handling Equipment (MHE) operations.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Identified the purpose and types of MHE.			
2. Ensured MHE operators were properly trained and licensed if required.			
3. Determined the type of MHE to be used based upon operational considerations.			
4. Ensured the safe operation of MHE during cargo operations.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TC 4-13.17	Cargo Specialist's Handbook	Yes	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste.

Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take. Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained:

- Hazardous materials program.
- Hazardous waste program.
- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program.
- Spill prevention and response plan program.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility.
- (b) Practice safe operations.
- (c) Recognize unsafe acts and conditions.
- (d) Take action to prevent accidents.
- (e) Report unsafe acts and conditions.
- (f) Work as a team.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-2607	Supervise RT875 Rough Terrain Container Crane Operations	551 - Transportation (Individual)	Analysis Completed
551-88H-1537	Operate ATLAS Rough Terrain Forklift Without a Load	551 - Transportation (Individual)	Analysis Completed
551-88H-2608	Prepare RT240 Rough Terrain Container Handler for Air Movement	551 - Transportation (Individual)	Approved

551-88H-1527	Communicate with Hand and Arm Signals During MHE Operations	551 - Transportation (Individual)	Analysis Completed
551-88H-2503	Determine Material Handling Equipment Required for Operations	551 - Transportation (Individual)	Analysis Completed

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-3530	Interpret Data on Manifest	551 - Transportation (Individual)	Analysis

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-5-0013	Plan Vessel Discharge Operations	55 - Transportation (Collective)	Approved
55-2-1407	Conduct Pierside Operations to Discharge and Load Cargo	55 - Transportation (Collective)	Approved
55-2-1406	Conduct Cargo Operations to Discharge and Load Breakbulk Cargo	55 - Transportation (Collective)	Approved