

**551-88U-3405**  
**Validate Locomotive Inspection**  
**Status: Approved**

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD1** - This training product has been reviewed by the training developers in coordination with the Transportation School, Fort Lee, VA foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

**Conditions:** Assigned as a Railway Specialist in a railyard advising a COCOM/Host Nation operator, given an Operations Order/Operations Plan ( OORDER/OPLAN), Personal Protective Equipment, completed risk assessment, locomotive, rail crew, DD Form 862 or equivalent, required references , and previously completed Form FRA F6180-49A, day or night, in all weather conditions, in an operational environment scenario. Some iterations of this task should be performed in MOPP 4.

**Standards:** Observe operator performing a daily locomotive inspection and completing DD Form 862 using applicable regulations with 100% accuracy. Ensure all previous DD Forms 862 or equivalent are kept on file until the next 92/184-day inspection is completed. Advise operator on observations/recommendations about his/her performance and report findings to all supervisors.

**Special Conditions:** None

**Safety Risk:** Low

**MOPP 4:** Sometimes

<b>Task Statements</b>
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**Cue:** It is the start of a new work day. The locomotive must be inspected before operation.

<b>DANGER</b> Hazardous Voltage. Electrical cabinet contains "600 Volts that will cause severe shock or burn".
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<b>WARNING</b> None
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<b>CAUTION</b> Working around live tracks is always dangerous. Follow all safety procedures outlined in the GCOR and ATP 4-14.
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**Remarks:** None

**Notes:** All defective items found during daily inspection must be corrected before use, unless moving a non-complying locomotive.

## Performance Steps

1. Observe daily locomotive inspection.
  - a. Ensure inspector does the following:
    - (1) Reviews Form FRA F6180-49A (Blue Card) and:
      - (a) If form is out of date or incomplete, contacts higher echelon maintenance.
      - (b) If form is up to date and correct, proceeds with daily locomotive inspection.
    - (2) Fills out top section of DD Form 862.
  - b. Observe locomotive inspection.
  - c. Once inspection is completed, files DD Form 862.
2. Review completed DD Form 862.
  - a. Ensure all blocks in section A "Operators Report" are completed and initialed as applicable.
  - b. Ensure all blocks in section B "Maintainers Report" are checked and initialed when corrections were made.
3. Review forms kept on file.
  - a. Ensure DD Forms 862 are kept on file until the next 92/184 day inspection is completed.
  - b. Ensure Form FRA F6180-49A is dated within the last 92/184 days.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance measures are passed. Score the Soldier NO-GO if any performance measure is failed. If any performance measure is failed, tell the Soldier what was done wrong and how to do it correctly.

**Evaluation Preparation:** Setup: Provide the Soldier with a locomotive operator, locomotive, DD Form 862, Form FRA F6180-49A, and DA Pam 750-8.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Observed daily locomotive inspection.			
2. Reviewed completed DD Form 862.			
3. Reviewed forms kept on file.			

### Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 4-14	Expeditionary Railway Center Operations	Yes	No
	CFR 49	CFR 49: Parts 200-299	Yes	No
	GCOR	General Code of Operating Rules (GCOR), Seventh Edition	Yes	No
	TB 55-2200-207-15/1	INSPECTION AND MAINTENANCE CHECKLIST FOR DIESEL-ELECTRIC LOCOMOTIVES	Yes	Yes
	TC 55-88-1	RAIL HANDBOOK FOR AIR BRAKE AND TRAIN HANDLING RULES	Yes	No

**TADSS :** None

### Equipment Items (LIN):

LIN	Name

MC403F	Tool Box
L80724	LOCOMOTIVE DIESEL E

**Material Items (NSN) :**

Step ID	NSN	LIN	Title	Qty
No materiel items specified				

**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 the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. It is the responsibility of all Soldiers and DA civilians to protect the environment from damage. AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across Doctrine, Organization, Training, Material, Leadership and Education, Personnel and Facilities (DOTMLPF) and ensure all training procedures; materials and doctrine include 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. This Training Support Package meets this standard.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with current Risk Management Doctrine. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer 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 current CBRN doctrine. 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 :** None

**Supported Individual Tasks :** None

**Supported Collective Tasks :** None

**Knowledges :**

Knowledge ID	Knowledge Name
K-551-P-0194	Knowledge of air system
K-551-P-0193	Knowledge of engine systems
K-551-P-0196	Knowledge of locomotive operations
K-551-P-0195	Knowledge of locomotive maintenance
K-551-P-0192	Knowledge of mechanical systems

**Skills :**

Skill ID	Skill Name
S-551-P-0273	Ability to inspect mechanical systems
S-551-P-0275	Ability to inspect air system
S-551-P-0274	Ability to evaluate engine systems
S-551-P-0277	Ability to operate locomotive
S-551-P-0276	Ability to lubricate

**ICTL Data :** None