

OTMA

Advance Transportation
Management Solutions



OTMA

Section 1

Introduction and Overview



OMTA OVERVIEW

One
Time
Movement
Approval



Advance Transportation Management Solutions

OTMA OVERVIEW

- Since 1996, the Federal Railroad Administration (FRA) has been authorized to issue OTMAs for bulk packages (tank cars) that no longer conform to Hazardous Materials Regulations (49 CFR Parts 171-180).
- In 2000, that authority was expanded to cover all bulk packages (e.g., covered hopper cars, gondolas, portable tanks, etc.) of hazardous materials.

OTMA OVERVIEW

Categories of OTMA

- **OTMA – 1** Traditional
- **OTMA – 2** Overloaded condition
- **OTMA – 3** Standing approval



Advance Transportation Management Solutions

OTMA OVERVIEW

OTMA - 3

- Standing approval for specific conditions
- Applies to Empty/Clean, Residue and Loaded railcars
- Does not apply to PIH (Poison Inhalation Hazard)
- Car can move immediately after receiving email notification from FRA of OTMA-3 being filed

OTMA OVERVIEW

OTMA - 2

- Applies to railcars overloaded by weight
- Car cannot move until approval is received from FRA
- Root cause analysis is usually required within 60 days
- No movement approvals will be given for cars overloaded by volume



Advance Transportation Management Solutions

OTMA OVERVIEW

OTMA - 1

- Applies to all other conditions not specifically covered by OTMA-2 or OTMA-3
- Requires written approval from FRA before railcar can be moved
- Root cause analysis is usually required within 90 days



Advance Transportation Management Solutions

OTMA OVERVIEW

In summary, any railcar built to a Department of Transportation or AAR class specification or that may be carrying a hazardous material that no longer conforms to specification, requires an **OTMA** to move to a repair shop or dismantler.

OTMA

Section 2

Preparing a railcar for movement under OTMA guidance



Advance Transportation Management Solutions

OTMA

- Clearly identify the defect
- Tag or mark the defective part(s)
- Secure secondary closures
- Assure car is in a leak free condition
- Apply “Home Shop” decals or stenciling near reporting marks on each side of car
- Inspect to ensure car is otherwise safe to move (pre- trip inspection)

OTMA

- Determine suitable repair facility
 - It may be necessary to move the car to multiple facilities to accomplish repairs, such as a separate cleaning facility or returning to loading point for transloading before sending car to repair shop
 - Check with facilities prior to submitting application to verify that they can complete the necessary repairs

OTMA

- Determine route to selected facilities
 - Railroads are not required to accept defective railcars falling under an OTMA-1
 - Contact all carriers, including regionals, short lines, and delivering carriers to assure they will accept the railcar. Carrier approval(s) need to be included in OTMA-1 submission to FRA as an attachment
 - All carriers require notification of FRA OTMA approval once granted
- Selected route listed on OTMA application must include complete routing to all facilities if more than one facility is necessary to complete repair

OTMA

- Clearly identify the defect.
 - Is a valve leaking?
 - If so, where is it leaking; through the valve stem; through the ball; under the mounting flange?
 - Which valve is leaking; safety valve; top unloading valve; bottom valve; etc.?
 - Is it a breach in the tank shell or a fractured sill?
 - If so, where is the defect/fracture?
 - How long is the fracture?
 - Is it a transverse fracture or a circumferential fracture?
 - Identify cause of defect if possible

OTMA

Tag defective part(s)
(defective load valve)



OTMA

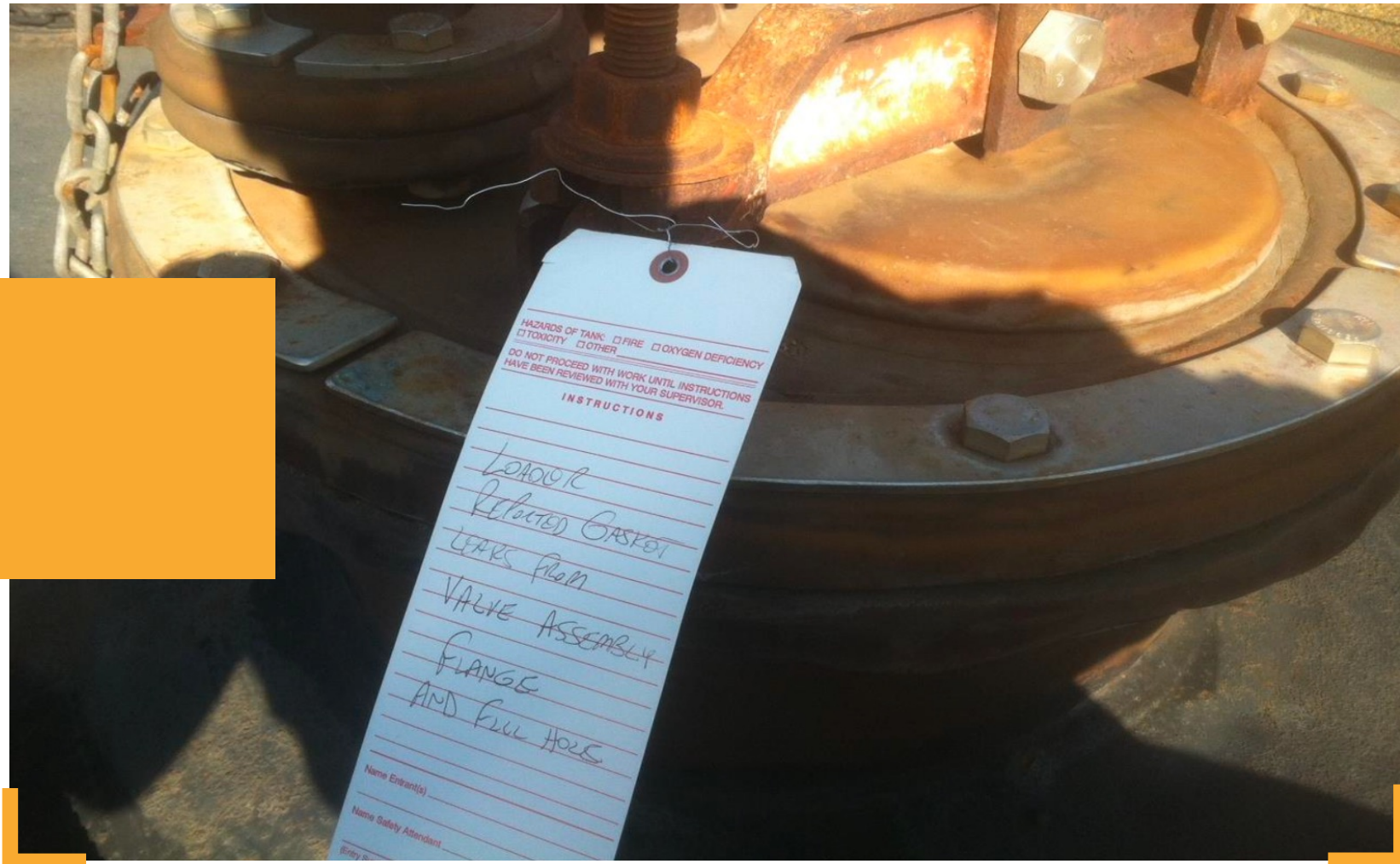
**Defective Bottom
Outlet Valve**

(BOV)



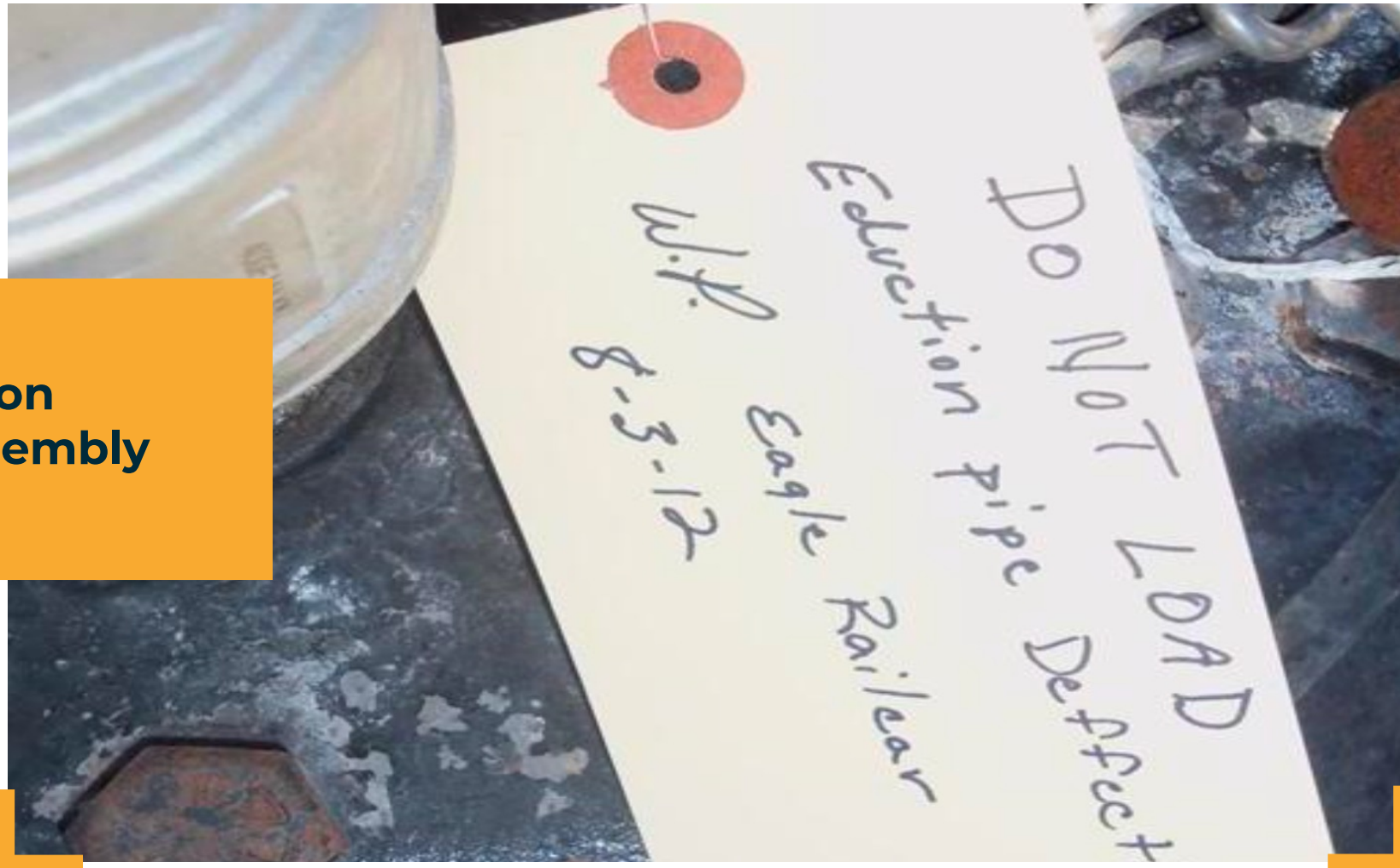
OTMA

**Defective main
plate gasket**



OTMA

**Defective education
(siphon) pipe assembly**



OTMA

**Secure secondary
closures**



OTMA

After ensuring car is leak free, apply “Home Shop” decals near reporting marks



OTMA

Section 3

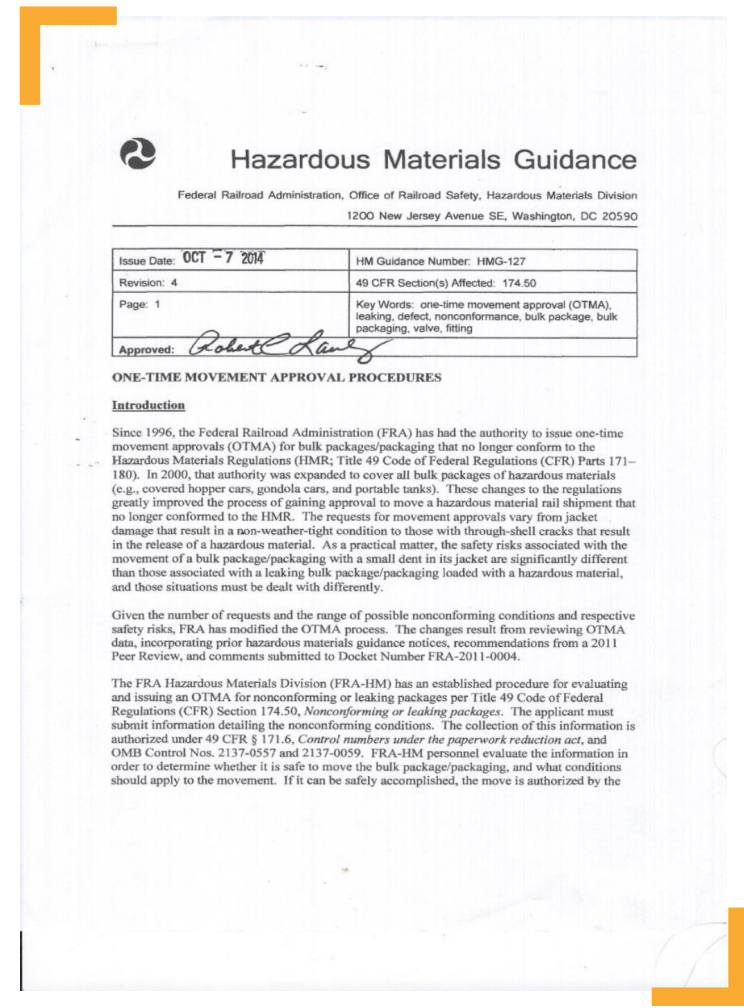
Determining
OTMA Level



Advance Transportation Management Solutions

OTMA

Consult the 10-page Hazardous Material Guidance document HMG-127 for detailed instructions to determine OTMA level or contact your local FRA field inspector for guidance.





Advance Transportation Management Solutions

OTMA - 3

An OTMA-3 must meet the specific criteria (defect category, defect condition, and applicability) as described in one or more of the 16 OTMA-3 defects



Advance Transportation Management Solutions

OTMA - 3

Defects No. 1 through 7 are specific to top service equipment



Advance Transportation Management Solutions

OTMA - 3

Defects No. 8 through 10 are specific to bottom fittings



Advance Transportation Management Solutions

OTMA - 3

Defect No. 11 is specific to interior lining or coating defects



Advance Transportation Management Solutions

OTMA - 3

Defects No. 12 & 13 are specific to heater coils



Advance Transportation Management Solutions

OTMA - 3

Defect No. 14 is specific to jacket and insulation damage



Advance Transportation Management Solutions

OTMA - 3

Defect No. 15 is specific to derailment damage



Advance Transportation Management Solutions

OTMA - 3

Defect No. 16 is specific to Markings and stenciling



Advance Transportation Management Solutions

FILING FOR AN OTMA

Otma's need to be submitted electronically through the FRA's portal

[FRA Authentication \(dot.gov\)](#)



Advance Transportation Management Solutions

FILING FOR AN OTMA

More information can be found on the FRA's website at

railroads.dot.gov/divisions/hazardous-materials/movement-approvals



Advance Transportation Management Solutions

OTMA

A car (or cars) that will be moved on authority of an [OTMA-3](#) can move as soon as a confirmation email is received from the FRA

OTMA SUMMARY

- Identify defect
- Secure railcar
 - Stop all leaks
 - Apply secondary closures (as applicable)
- Apply “Home Shop” stencils
- Perform Pre-trip inspection
- Apply defect tag (near defect location)

OTMA SUMMARY

- Confirm that affected railroads will accept railcar
- Confirm the repair facilities will accept railcar • Determine OTMA level
 - Consult HMG-127 and flowcharts
- Apply for OTMA
 - Include supporting documentation and photos



Advance Transportation Management Solutions

OTMA SUMMARY

- Comply with any additional requirements as listed in the OTMA approval
- If required, provide follow-up root cause analysis to FRA in prescribed time frame



Advance Transportation Management Solutions

OTMA SUMMARY

- The FRA has the authority to levy fines for non-compliance
 - Typical fines begin at \$5000
- The FRA is not in the business of issuing fines, they are in the business of enforcing compliance, so contact your local field inspector or the FRA in Washington with any questions

Thank you