



# INTERNAL VISUAL INSPECTION

49 CFR, 180.407(e)

Name of Owner/Carrier: \_\_\_\_\_ Test Date: \_\_\_\_\_

Address: \_\_\_\_\_

Owner Unit #: \_\_\_\_\_ Tank serial #: \_\_\_\_\_ MAWP: \_\_\_\_\_ psi

Tank manufacturer: \_\_\_\_\_ Specification: MC/DOT \_\_\_\_\_ Tank capacity: \_\_\_\_\_ gal.

Cargo Tank: Insulated:  Lined:  Lining type: \_\_\_\_\_

Tank Service: LPG  Anhydrous Ammonia  Corrosive  Dedicated  Other

ITEM	PASSED	FAILED	REMARKS
Tank Shell			
Tank Heads			
Lining			
Lining Tested (180.407(f))			
Upper Skid Plate			
Corroded Areas Detected			
Corroded Areas Tested			

Cargo Tank continued qualification:  Returned to service  Withdrawn from service

Inspector's Name: \_\_\_\_\_ CT Registration #: \_\_\_\_\_

Inspector's Address: \_\_\_\_\_

I CERTIFY THAT THE INSPECTION/ TEST NOTED ON THIS FORM WAS PERFORMED BY ME AND ALL REQUIRED ENTRIES WERE PROPERLY RECORDED.

\_\_\_\_\_  
Registered Inspector's Signature Date

\_\_\_\_\_  
Cargo Tank Owner or Authorized Representative's Signature Date

This form is made available with the understanding that NATC, Inc. is not engaged in rendering legal, accounting, or other professional services. NATC, Inc. assumes no legal responsibility for the use of this form, or any decision made by an employer, which may violate local, state, or federal law. ©Copyright NATC 2016. (rev. 9/16)

**(e) Internal visual inspection.**

(1) When the cargo tank is not equipped with a manhole or inspection opening, or the cargo tank design precludes an internal inspection, the tank shall be hydrostatically or pneumatically tested in accordance with 180.407(c) and (g).

(2) The internal visual inspection must include as a minimum the following:

The tank shell and heads must be inspected for corroded and abraded areas, dents, distortions, defects in welds, and any other condition that might render the tank unsafe for transportation service.

Tank liners must be inspected as specified in § 180.407(f).

(3) Corroded or abraded areas of the cargo tank wall must be thickness tested in accordance with paragraphs (i)(2), (i)(3), (i)(5) and (i)(6) of this section.

(4) The inspector must record the results of the internal visual inspection as specified in § 180.417(b).