

VIKP INSPECTION TRAINING
AGENDA/STANDARD

- 7:30AM PROGRAM INTRODUCTION
- COVER AGENDA
 - COURSE OBJECTIVES
 - REGISTERED INSPECTOR QUALIFICATIONS
 - INSECTOR SAFETY
- 8:00AM CLASSROOM BRIEFING “APPLICABLE (DOT) REGULATIONS”
- PARTS 107, 171,172,173,177,178 AND 180
 - CGA, C-6 PHAMPLET (IBR DOCUMENT-PART 180.411(b))
 - SPECIAL PERMIT REQUIREMENTS, IF APPLICABLE
 - CARGO TANK TEST AND INSPECTION REPORT
 - INSPECTION TOOLS (INCLUDES GAUGE AND TORQUE WRENCH CERTIFICATION REQUIREMENTS)
- 9:30AM BREAK
- 9:45AM FIELD EXERCISE “EXTERNAL VISUAL INSPECTION”
- IDENTIFIES EACH COMPONENT BY NAME, PURPOSE AND FUNCTION.
 - COVERS THE INSPECTION OF ALL COMPONENTS AND WHAT CONSTITUTES AND OUT-OF SERVICE CONDITION.
 - EXPLAINS THE NEED TO COMPLETE THE EXTERNAL INSPECTION FROM INSIDE THE VESSEL WHEN BECAUSE OF INSULATION, COATING OR DESIGN CONFIGURATION THE TANKS EXTERIOR SURFACES ARE HIDDEN FROM VIEW.
 - COVERS THE USE OF ULTRASONIC THICKNESS METER, PIT GAUGE AND THE MEASUREMENT OF A BULGE OR DENT.
 - UPPER COUPLER INSPECTION (IN-PLACE/REMOVED)
- 11:00AM FIELD EXERCISE “INTERNAL VISUAL INSPECTION”
- REVIEW CONFINED SPACE ENTRY PROCEDURE
 - PREPARE VESSEL FOR ENTRY
 - PERFORM INTERNAL INSPECTION
 - In this segment each student will enter the vessel where the instructor will cover the requirements of the internal inspection.
 - A function test of the DOT valve will be performed.
- 12:00PM LUNCH
- 12:45PM FIELD EXERCISE “LEAKAGE AND PRESSURE TEST”
- PREPARING THE VESSEL FOR A LEAKAGE TEST.

- CERTIFYING THE PRESSURE REGULATOR ASSEMBLY IS READY FOR USE.
- PERFORMING THE LEAKAGE TEST OR EPA-27 TEST, IF APPLICABLE USING AIR.
- PREPARING THE VESSEL FOR THE PRESSURE TEST.
- VACUUM TESTING OF THE BOTTOM OUTLET VALVES.
- PERFORMING THE HYDROSTATIC PRESSURE TEST.
- BENCH TESTING PRESSURE AND VACUUM VENT.
- RETURNING THE VESSEL TO A NORMAL OPERATING CONDITION.

4:30PM	BREAK
4:45PM	FIELD EXERCISE “MARKING AND LABELING”
5:00PM	CLASSROOM EXERCISE “RECORD KEEPING” <ul style="list-style-type: none"> • MANUFACTURER • OWNER • CARRIER
5:30PM	QUIZ
6:00PM	DISMISSAL