

## UPP Piping Installation Checklist & Warranty Start-up Form

Site Owner: _____
Site Address: _____
Site Phone Number: _____
City: _____ State: _____ Zip: _____
Country: _____
Owner/Operator: _____
Installation Completion Date: _____

Installation Contractor: _____
Address: _____
City: _____ State: _____ Zip: _____
Country: _____
Telephone: _____
Distributor: _____

Complete Fuel Transfer & Containment System uses all FFS Products

**Pre-Installation Check:**

- Installer has copy of Installation Guide
- Installer has visually inspected all materials for shipping and storage damage

**Tank Information:**

- New Tanks
- UST Manufacturer: \_\_\_\_\_

**Tank Installation Information:**

- Tanks Anchored
  - Deadman Anchoring
  - Tank Tie-Down Slab

**Tank Excavation Information:**

- High Water
- Has site ever been Contaminated / Remediated

**Trenching:**

- Excavation depth allows for 100 mm (4") bedding
- Bedding installed, graded, and has proper slope
- Width is sufficient to accommodate all runs of pipe with proper spacing
- Minimum pipe burial depth verified
- Direction changes wide enough to accommodate proper bend radii

**Bedding and Backfill:**

- Clean sand
- Pea gravel
- Crushed stone: 3 mm to 20 mm (1/8" to 3/4")

**Tank Sumps, Dispenser Sumps, Intermediate Sumps, Etc.:**

- Tank sumps mounted to tanks using approved method

FFS Tank Sump:

Model #: \_\_\_\_\_

FFS Dispenser Sump: \_\_\_\_\_

Model #: \_\_\_\_\_

**Piping:**

Total length and model of piping installed at this site:

Product line: \_\_\_\_\_

Fill Line: \_\_\_\_\_

Vent Line: \_\_\_\_\_

Vapor Recovery: \_\_\_\_\_

**Primary Piping:**

- Pop-up indicators are out and time is marked near fitting
- Insertion marks are visible and pipe is fully inserted
- Fittings are aligned properly
- Fittings:  Termination Fittings  Compression
- Scraping of the pipe is evident
- Pressure test results recorded

**Secondary Containment:**

- Pop-up indicators are out and time is marked near fitting
- Insertion marks are visible and pipe is fully inserted
- Fittings are aligned properly
- Scraping of the pipe is evident
- Pressure test results recorded

**Ducting:**

- Ducting installed
- Ducting air test performed at 0.3 bar (5 PSI)

**Installation Procedures:**

- All piping runs installed with proper spacing

**Final Inspection:**

- Air relieved from secondary containment jacket
- Air relieved from primary lines
- Back filled to grade with finish surface installed

**Site Completion:**

- Concrete
  - Total inches over pipes \_\_\_\_\_
- Asphalt
  - Total inches over pipes \_\_\_\_\_

UPP Factory Certified Installer

**Print Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

As owner/operator I have read and comprehend the UPP warranty document FFS-0189.

**Print Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

This form must be properly completed, signed and returned to FFS no later than 60 days after the installation of the FFS piping products.



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