1. Handle all materials and equipment in accordance with the Resident Engineer’s instructions to prevent damage. Do not drop.

2. Ensure all materials and equipment are free of solvent and water when installed.


4. Install a lockable shutoff valve after unloading and transporting all material and equipment.

5. The compressor shall automatically cut-out when system pressure rises to 18 PSIG.

6. If system pressure rises to 25 PSIG, the control panel shall sound the audible device on the STANDPIPE-PAC™ and any other devices wired to the output circuit.

7. Depressurization of the STANDPIPE-PAC™ device when the lockable shutoff valve is CLOSED and the test/service device is operated until the local pressure gauge indicates ZERO PSIG.

8. Test of the low pressure signaling function when the compressor disconnect switch is OFF and the test/service device is operated.

9. Furnish an air compressor power disconnect switch to permit manual shutoff of compressor. The assembly shall be pre-assembled, pre-wired, and fully factory tested as a system.

10. Provide additional valves as required on Contract Drawings - UFS P/N 06-100004-000.

11. The assembly shall be pre-assembled, pre-wired, and fully factory tested as a system.

12. An air compressor power disconnect switch to permit manual shutoff of compressor shall be of the oil-less piston type, equipped with a pressure switch and a bubble-tight check valve. Power: 110 VAC 60 Hz, 1 phase.

13. STANDPIPE-PAC™ device shall contain all components factory-assembled and tested to make up a complete, ready-to-install device.


15. Closeout Submittal: As-Built Drawing.

16. Delegated-Design Submittals. Include performance requirements and design criteria analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

17. Wiring diagrams for all electrical devices and power, signal, and control wiring.

18. Shop Drawings. Include all pertinent information.

19. Specification type, material, and section of each item as specified.

20. Unions. Use unions only as necessary where joining pipe is impossible or impractical without them. Unions per ANSI B16.39 - Malleable Iron Threaded Pipe Unions.

21. Fire protection system shall be in accordance with New York City Local Law 64 of 2009.

22. Furnish an external alarm horn with digital communicator.

23. Furnish an audible alarm notification appliance circuit.