



Hydraulic Supplies Hose Integrity Plan is to ensure the quality and integrity of hoses, in compliance with industry standards and regulations, throughout the entire process from inspection to shipment. This plan outlines the steps involved in visual inspections, thread identifications, end fitting selection and installation, pressure testing, post-testing procedures, certification, tagging, and database entry. Below is a step by step process of how we ensure our hoses meet the highest standards.

1. VISUAL INSPECTIONS:

Hoses are inspected visually for any signs of damage, including cuts, abrasions, bulges, or leaks and checked for proper labeling and identification markings on the hose.

2. THREAD IDENTIFICATION:

Identifying the type of thread required for the hose fittings based on customer specifications and industry standards (e.g., J343 and Gs4) and ensuring that the hose fittings and threads are compatible.

3. SELECTING APPROPRIATE END FITTINGS:

Determining the appropriate end fittings based on the intended application and customer requirements ensuring that the selected end fittings are compatible with the hose and its working pressure.

4. PROPER AFFIXING OF END FITTINGS:

We follow manufacturer guidelines and recommended practices for attaching end fittings to the hose using the appropriate tools and techniques to ensure a secure and leak-free connection.

5. PRESSURE TESTING:

We test the hose to 1.5 times its working pressure or as requested by the customer conducting the pressure test in accordance with industry standards and regulations whilst monitoring the hose for any signs of leakage or failure during the test.

6. PRESSURE RELIEF AND FLUSHING:

After testing, gradually release the pressure from the hose using a controlled method, compressed air to flush out any remaining water from the hose ensuring that the hose is completely dry before proceeding.

7. CERTIFICATION:

We Create a certification document stating that the hose has been tested and meets the specified standards authorized by the British Fluid Power Association (BFPA) and customer requirements.

8. TAGGING AND DATABASE ENTRY:

Generation of waterproof, industrial-grade plastic tags with unique identification numbers affixed the tags securely to the hose, ensuring visibility and durability. Entry the relevant information, including hose details, test results, and certification status, into the Hose Registry Database for easy accessibility and traceability.

9. FINAL INSPECTION AND PACKAGING:

We conduct a final visual inspection of the hose to ensure it meets all quality requirements and package the hose securely to protect it during shipping and handling, following industry best practices and any specific customer instructions.

Hydraulic Supplies Limited can ensure that each hose undergoes a thorough inspection, appropriate testing, and proper documentation, guaranteeing its integrity and compliance with standards and regulations.