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Fork Handling Test - Medistri

Fork Handling Test

The validation of packaging stems from the need to ensure the quality of products across the many steps in your distribution cycle: from shipping to storage. It is indeed an increasingly common requirement for many product categories, including a strong emphasis on the packaging quality requirements for medical and pharmaceutical industries.

A Fork Handling Test is a standard method used to evaluate the ability of a shipping unit to withstand repeated handlings by a forklift.

👉 Fork handling test allows the user to determine the integrity and stability of the load, as well as provide guidance to improve the design of the unit load where deficiencies are found.

A poor packaging system can affect much more than product replacement. A harsh transportation cycle can be expensive and result in product repairs, lost sales, and a decline in customer loyalty.

This method is used for testing the ability of the shipping unit to withstand repeated handlings of a fork truck. In performing the fork truck handling test, use an actual lift truck with fork attachment to lift the shipping unit. The lift truck and blade(s) shall be capable of handling the size and quantity of products in accordance with current practice.

ASTM D6055 is a standard set by the ASTM International that provides test methods for the mechanical handling of unitized loads and large shipping cases and crates.

The results from these tests offer insights into potential improvements for the design of the unit load if deficiencies are discovered. This helps in enhancing the safety and efficiency of packaging. The tests are designed to be used with the actual equipment used in load handling, making the results more reliable and relevant.

The standard is not centered on distribution channels, but rather on specific mechanical load handling. This makes it applicable to a wide range of scenarios in the packaging industry. This helps ensuring that your packaging meets industry standards and can withstand the rigors of shipping and handling. It's a key tool for businesses looking to optimize their packaging and distribution processes.

Medistri can validate your packaging according to ISTA 2A, ISTA 3A, ASTM D7386, ASTM D4169. Should you fully validate your packaging system or should you simply test one particular characteristic of your sterile barrier system, Medistri laboratory is accredited and highly experienced for the most common test method provided in ISO 11607-1.

🎯 To learn more about Medistri's Fork Handling Test, visit on our website [here](#) or directly contact our team at contact@medistri.swiss.

- The Medistri Team

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