

# Peace of Moisture Mind<sup>®</sup>

Moisture damage prevention process



## Step 3: Validate



- Field test to analyze and optimize moisture protection
- AbsorTrack™ devices in containers or pallets to monitor the conditions during shipments

# Peace of Moisture Mind<sup>®</sup> - POMM

A well-executed moisture damage prevention strategy is much more than just “adding a few desiccants”. POMM is Absortech’s step-by-step process, based on knowledge gained over decades. It covers the customer’s entire Supply Chain from their upstream supplies through packaging, loading, and shipping as well as the amount and types of desiccants to be used and how to make sure they are made available when needed and that loading, and packaging personnel are duly educated. All this to ensure goods arrive in perfect condition and that the buyer is satisfied.

The POMM steps can be used one-by-one, or seamlessly linked in an **AbsorTotal™**.



## Step 3: Validate

VALIDATE is to ensure the moisture protection used works and is optimized. And the best way to bring clarity in this phase is to run field tests, so called Absortest™. An Absortest™ can be made with different setups and purposes but is preferably made real containers in real shipping vessels.

### 1. SINGLE BRAND

Same desiccant, different configurations (types and amounts), in different containers

- **This is to find an optimal desiccant configuration.**
- **It is important to make the tests as similar as possible. The container in test should be loaded with the same goods, same loading configuration and shipped at the same time. Ideally, the containers should have the same placing on the vessel.**
- **Seasonal configurations or different transits can be evaluated**

### 2. WITH / WITHOUT

Desiccants in one container, no desiccants in another

- **This option is to prove the difference the desiccants are doing**

### 3. MULTI-BRAND

Testing capacity of different desiccants brands

Here, the different desiccants should be placed in the same container. Upon arrival the weight of the desiccants is measured, and their respective absorption capacity can easily be calculated.

The more containers included in VALIDATE, the better as the implications of different availability to moisture and different placing on vessel will level out when evaluating average results.

Furthermore, a combination of, 'With/without' and 'multi-brand' can be done in the same validation project.

#### ABSORTEST™ INPUT

- **Document the purpose of the test and the desiccants with their weight at start.**
- **Load containers according to configurations agreed upon.**
- **Install the AbsorTrack™ data loggers to collect important shipping data.**

#### ABSORTEST™ OUTPUT

- **Documented desiccant performance.**
- **Absortech will provide a comprehensive AbsorTest™ report.**
- **Recommendations for optimal protection**

POMM CONCEPTS USED:



**ABSORRANGE™**



**ABSORTEST™**



**ABSORTRACK™**

# Validate in practice



Absortest™ can be organized in different ways. Due to Absortech's global setup, we are often able to attend at both loading and opening of containers. However, loading and unloading activities can also be made by customer representatives.

Please contact Absortech for a quotation should you prefer Absortech personnel to attend during VALIDATE step.

## Loading

At loading the, Absortech will provide instructions in accordance to the Absortest™ procedure with forms that should be completed. It includes data like container number, data logger number, container ventilation open/closed, type of desiccants installed and their original weight, humidity in container and surroundings. The loading process should be documented by supporting photos.

## Shipping

During the entire journey, the AbsorTrack™ data logger continuously logs temperature, relative humidity, dew point, location, lighting, and G-force.

Through the AbsorTrack™ web-panel, data can be reviewed in real time and/or alarm alerts can be e-mailed once a threshold is reached.



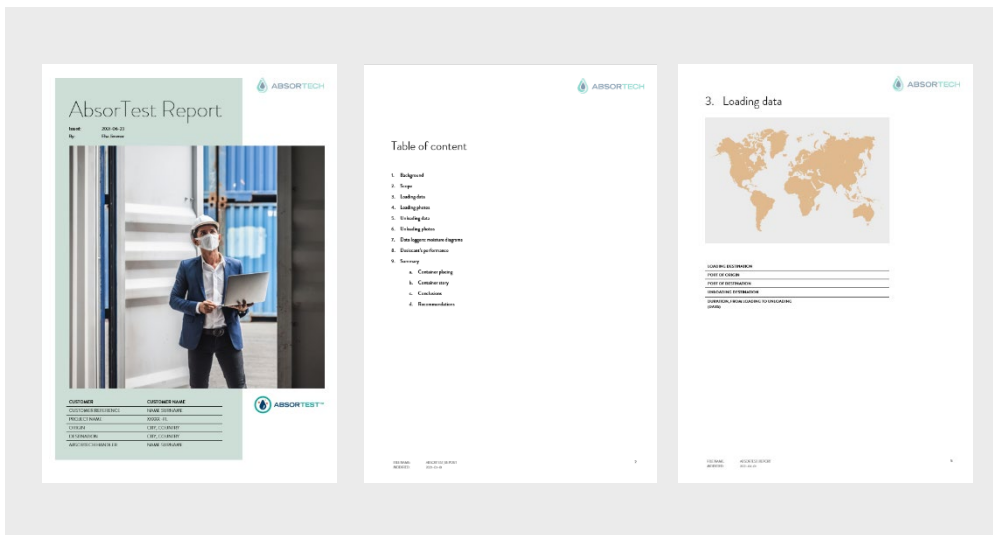
## Arrival

At unloading, Absortech will provide instructions in accordance to the Absortest™ procedure with forms that should be completed. Following the document ensures all the data needed for composing the AbsorTest™ report is collected and documented. It includes weighing desiccants, measuring moisture levels in container flooring, evaluate moisture in/on container walls and roof, etc.

## Report

The data collected and inspections made will be gathered in an AbsorTest™ report. The report will contain:

- Moisture data analysis
- Overall findings
- Summary and recommendations



## Review

The data in the report is followed up with concerned stakeholders.

REVIEW can be conducted face-to-face, but a web meeting is recommended to ensure stakeholders can attend regardless of geographical location.



### MORE INFORMATION

- Click [here](#) to get in contact with Absortech Group COO.
- Click [here](#) to get in touch with an Absortech salesman.