

ONE VOICE FOR HYGIENIC EQUIPMENT DESIGN FOR LOW-MOISTURE FOODS



THE CHALLENGE

While low-moisture Consumer Packaged Goods (CPG) food producers strive to use equipment that minimizes risk of food contamination, the Original Equipment Manufacturers (OEMs) supplying the equipment need to build equipment with profitable options that meet food safety needs.



THE SOLUTION

Utilize existing industry standards and guidelines to define a process that will allow CPGs and OEMs speak with “one voice” – and reach consensus of design criteria for hygienic equipment for low-moisture food manufacturing.

THE ONE VOICE DOCUMENT PROVIDES TWO FRAMEWORKS:

Criteria for the Design and Construction of Equipment Based on Cleaning and Sanitation Needs

A

High Hygiene -
Wet clean

Criteria for High
Hygiene -
Wet clean

B

High Hygiene -
Dry clean

Criteria for High
Hygiene -
Dry clean

C

Basic Hygiene -
Dry clean

Criteria for Basic
Hygiene -
Dry clean

Hygienic Equipment Criteria that Apply to All 3 Cleaning Methods

High Hygiene - Wet
clean

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High Hygiene -
Dry clean

Basic Hygiene -
Dry clean

Guidelines for a CPG & OEM Joint Collaboration Process

1

ASSESS THE RISKS

Evaluate biological, chemical, and physical hazards.
Is wet clean or dry clean required?

2

DETERMINE THE HYGIENIC ZONES & CLEANING METHODS

How the equipment is to be used and what hygienic zones
level is required for sanitary operations.
How is the equipment cleaned - wet or dry?
What type of product contact surfaces?

3

UTILIZE THE TOOLS

Use the decision tree to identify the hygienic design criteria.
Use TR3 Part 2 for design criteria.

4

HAVE DISCUSSIONS BETWEEN CPG & OEM

Use the criteria to discuss and identify the required
and appropriate hygienic design specifications
to reach an agreement on equipment design.

ADOPT ONE VOICE FOR HYGIENIC EQUIPMENT DESIGN AT YOUR COMPANY TODAY.

Download One Voice for Hygienic Equipment Design for Low-Moisture Foods and find out how to connect with the OpX Leadership Network at industry events by visiting OpXLeadershipNetwork.org

Find the OpX Leadership Network group on [LinkedIn](#)

