

INDUSTRY BROCHURE

# Installation Products

## Food and beverage industry - plant assessment



Installation Products Division  
for Food and beverage industry  
Europe, Middle East and Asia

- Wire and cable management
- Cable protection systems
- Connectivity and grounding

# Plant Installation Product Assessment

Are issues with your electrical system limiting your profits?

Corrosion, liquid ingress, extreme temperatures, humidity and 24/7 production can all contribute to electrical system failures that cause unscheduled downtime.

## Frequent issues:



01 Continuous operations & sustainability.



02 Corrosion & harsh production environment.



03 Liquid ingress protection.



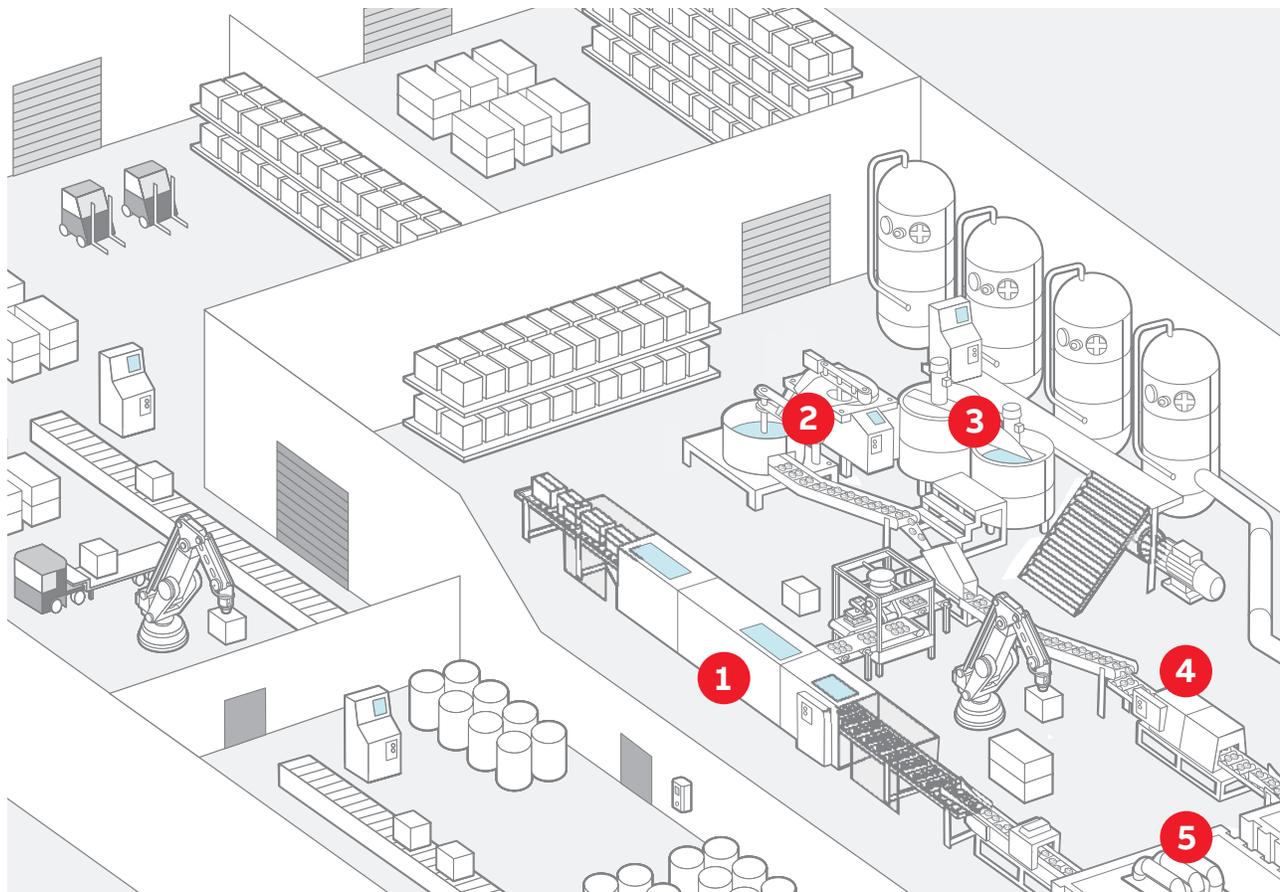
04 Safety & contamination.



05 Extreme temperature protection.



06 Hazardous location protection.



## Take advantage of this valuable assessment from ABB, at no cost to you!

The ABB Plant Installation Product Assessment is a no-cost, confidential service that helps food and beverage processors find and address existing and potential electrical issues.

After assessing your facility's installation system concerns, ABB provides a customized proposal of solutions that can help your plant:

- Increase food, plant and personnel safety
- Cut electrical system changeover/downtime by 40-50%
- Increase overall equipment effectiveness (OEE)
- Extend electrical system service life by up to 300%
- Improve sustainability and revenue



## 1 Consultation and plant walkthrough

After consulting with your team about plant installation challenges, ABB's Installation Product Assessors will evaluate your facility's installation system assets. Plant walkthroughs average 2-4 hours per 200,000 sq. ft. The objective is to identify existing and potential threats to your plant's uptime and profitability.

## 2 Findings and recommendations

Next, ABB prepares a Final Value Proposition (FVP) document that focuses on key application areas and challenges, including food safety and facility sustainability. The FVP matches your plant's challenges with proven ABB food and beverage solutions – your company is under no obligation to implement the recommendations.

**Critical Electrical Codes, Standards & Specification**  
for a Food & Beverage processing facility.



IP69K

## Plant Installation Product Assessment in practise



### F&B corrosion resistance: Invest in your savings

In a prepared frozen food facility where quick-fix meals were being packed, the maintenance team installed, in a money saving effort, aluminum in several areas because it was light weight generating savings on installation labor and material cost. Less than a year later the facility team was pulling it all out to replace it with Adaptaflex stainless steel liquidtight fittings.



### F&B explosion protection: Flammable dust blow your operation

A Plant Installation Product assessment at a huge bakery revealed excessive dust build-up underneath equipment. The dust accumulation was so much that the accumulation level was combustible. The danger was magnified by the fact that numerous covers on the electrical system were removed, leaving exposed conductors. To address this challenge, the facility installed ABB's explosive proof rated electrical components.



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