CASE HISTORY

Preservation of High Voltage Interrupters

DATE
November 2019 – March 2020

CORTEC® REPRESENTATIVE
Cortec® Corrosion Solutions India Pvt. Ltd.

CUSTOMER
ABB India Ltd.

LOCATION
Maneja, Vadodara
Gujarat State, India

PRODUCT
VpCI®-126 Bags
BioPad®

PROBLEM
The customer had been using locally made VCI foam inside vacuum-packed 6-mil (150 µ) Suprabha VCI bags (yellow film) for export of high voltage interrupters to India, China, the U.S.A., and Europe (as well as domestic shipment inside India). They were facing issues with rust on parts, along with the consequent rejections and rework this required. They wanted a complete dry packaging solution with zero rust.

APPLICATION
Cortec® Corrosion Solutions India Pvt. Ltd. recommended using 6-mil (150 µ) VpCI®-126 Bags and BioPad® inserts without vacuum packing. The customer began a cautious evaluation process, performing their own modified versions of VIA and Razor Blade Testing on VpCI®-126 Film in their lab and finding it to be alright. Then they undertook three field trials on January 5th, January 30th, and February 5th that involved export to China. All results came back satisfactory by mid-March. This was followed by their first (paid) trial order of 2,000 BioPad® pads (8" x 8" [20.32 cm x 20.32 cm]) and 150 custom-size rolls of 6-mil (150 µ) VpCI®-126 Blue Film, which the customer converts into bags and uses.

CONCLUSION
The customer has now implanted this Cortec® dry packing solution for regular production and export of high voltage interrupters to all countries. They have also extended the same packaging solutions to their vendors.

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CORTEC CORPORATION
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