

NEW BERLIN, JULY 31ST 2024

Manufacturer's Statement

IEC60721-3-3 environmental rating on ACH580

We hereby confirm that the printed circuit boards (PCBs) in the ABB Low Voltage Drives ACH580 series have been successfully tested against Ammonia (NH₃), Chlorine (Cl₂), Nitrogen Dioxide (NO₂), Hydrogen Sulfide (H₂S), and Sulfur Dioxide (SO₂) gases at a concentration level of C4 (IEC60721-3-3 edition 3 / ISO 9223) and 3C3 (IEC60721-3-3 edition 2).

It is important to note that while the PCBs have a coating sufficient to withstand such an environment, there are many other components in a drive/cabinet which are also exposed to these gas concentrations and can be adversely affected.



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