

INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC 62927
Edition 1.0 2017-07

**VOLTAGE SOURCED CONVERTER (VSC) VALVES
FOR STATIC SYNCHRONOUS COMPENSATOR (STATCOM) – ELECTRICAL TESTING**

CORRIGENDUM 1

4.2 Atmospheric correction factor

Replace, in the first dashed item of the first paragraph, the existing first bullet point by the following new bullet point:

- If the insulation coordination of the tested part of the valve is based on standard rated withstand voltages according to IEC 60071-1, correction factors for site conditions are only applied for altitudes exceeding 1 000 m. Hence, if the altitude of the site a_s at which the equipment will be installed is $\leq 1\,000$ m, then the standard atmospheric air pressure ($b_0 = 101,3$ kPa) shall be used with no correction for altitude. If $a_s > 1\,000$ m, then the standard procedure according to IEC 60060-1 is used except that the reference atmospheric pressure b_0 is replaced by the atmospheric pressure corresponding to an altitude of 1 000 m ($b_{1\,000\text{ m}}$).