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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 7674-2020

Replacing GB/T 7674-2008

**Gas-insulated metal-enclosed switchgear for rated voltages of
72.5kV and above**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1:1-2009:

This standard replaces GB/T 7674-2008 "Gas insulated metal enclosed switchgear with rated voltage of 72.5kV and above", and

Compared with GB/T 7674-2008, the main technical changes are as follows:

---According to my country's environmental conditions, the relevant content of Table 101 has been modified (see 4:3, 2:2 of the:2008 edition);

---Modified the test voltage between the 126kV and 252kV fractures in Table 102 (see 5:3, 4:2 in the:2008 edition);

---The expansion joint and related technical requirements have been added (see 6:108);

---Added the observation window and related technical requirements (see 6:109);

---Modified the gas quality verification content in Chapter 10 installation (see 11:3:101:7, 10:2:101:6 in the:2008 edition);

---Added the content of appendix C operation continuity;

---Modified the content of the DC component in Appendix F Test Method under Internal Fault Arc Conditions (see F:2:2:3,:2008 edition

B:2:2:2):

This standard uses the redrafting method to modify and adopt IEC 62271-203:2011 "High-voltage switchgear and control equipment Part 203: amount

Gas-insulated metal-enclosed switchgear with constant voltage of 52kV and above":

Compared with IEC 62271-203:2011, this standard has many adjustments in structure: Appendix A lists this standard and IEC 62271-

203:2011 chapter number comparison list: