

## 高電圧試験方法標準化委員会（兼 IEC TC42 (High-voltage and high-current test techniques) 国内委員会）

### (1)担当する JEC 規格

JEC-213 インパルス電圧電流測定法

JEC-0201 交流電圧絶縁試験

JEC-0202 インパルス電圧・電流試験一般

JEC-0221 インパルス電圧・電流試験用測定器に対する要求事項

JEC-0401 部分放電測定

### (2)担当する JIS

JIS C 1001 標準気中ギャップによる電圧測定方法

JIS C 61083-2 インパルス電圧及び電流試験に用いるソフトウェアに関する要求事項

### (3)IEC 活動

- ・ WG20(IEC 61083-4: Instruments and software used for measurements in high-voltage and high-current tests ? Part 4: Requirements for software for tests with alternating and direct currents and voltages) : エキスパートが参画
- ・ WG24(High-voltage test techniques - Dielectric loss measurements) : エキスパートが参画
- ・ MT03(IEC 60060-2, High voltage test techniques - Part 2: Measuring systems) : エキスパートが参画
- ・ MT4(IEC 60060-1, High voltage test techniques - Part 1: General definitions and test requirements) : エキスパートが参画
- ・ MT 7 (IEC 61083-2, Instruments and software used for measurements in high-voltage tests - Part 2: Requirements for software) : エキスパートが参画
- ・ MT12(IEC 62475, High current test techniques: Definitions and requirements for high current measurements)  
: エキスパートが参画
- ・ MT14(Maintenance of IEC 62478 - High-voltage test techniques: Measurement of partial discharge by electromagnetic and acoustic methods IEC 60060-3 - High-voltage test techniques - Part 3: Definitions and requirements for on-site testing)

: エキスパートが参画

- MT16(Revision of IEC 61083-1: Instruments and software used for measurement in high-voltage impulse tests - Part 1: Requirements for instruments) : エキスパートが参画
- MT18(Revision and update of IEC 61180-1: High-voltage test techniques for low voltage equipment - Part 1: Definitions, test and procedure requirements and IEC 61180-2: High-voltage test techniques for low-voltage equipment - Part 2: Test equipment) : エキスパートが参画
- MT21(Maintenance of IEC 61083-3: Instruments and software used for measurements in high-voltage and high-current tests - Part 3: Requirements for instruments for tests with alternating and direct currents and voltages) : エキスパートが参画
- MT23(Maintenance of IEC 60270: High-voltage test techniques: Partial discharge measurements) : エキスパートが参画
- JWG22(Atmospheric and altitude correction) : エキスパートが参画

IEC TC42 の関連 HP

[https://www.iec.ch/dyn/www/f?p=103:7:215304061250759::::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1243,25](https://www.iec.ch/dyn/www/f?p=103:7:215304061250759::::FSP_ORG_ID,FSP_LANG_ID:1243,25)