

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104950697R1 **Certificate No:** ASTA-TYPE-0001772

Applicant: LS ELECTRIC CO. LTD.
68, Wolmyeong-ro, 201 beon-gil, Heungdeok-gu, Cheongju-si,
Chungcheongbuk-do, Korea-28439.

Apparatus: 5310A (forced cooling), 400V/1000V/8kV ($U_e=U_n/U_i/U_{imp}$), 50Hz, Power Switchgear and Controlgear assembly incorporating a three-phase and neutral horizontal and vertical bare copper busbar system with one incoming ACB unit, two outgoing ACB units, seven outgoing MCCB units and a protective circuit.

Manufactured By: LS ELECTRIC CO. LTD.
68, Wolmyeong-ro, 201 beon-gil, Heungdeok-gu, Cheongju-si,
Chungcheongbuk-do, Korea-28439.

Test Report No: 21-1601-R1, T22.037

Designation: EK60 6300A, 100kA LV Switchgear

The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

IEC 61439-2: Edition 3.0 2020-07

Verifications with reference to the tests listed in Annex D of IEC 61439-1: Edition 3.0 2020-05

- | | |
|---|--|
| 1: Strength of material and parts (cl. 10.2.3.2.1 and cl. 10.2.8.1) | 6: Incorporation of switching devices and components |
| 2: Degree of protection of enclosures | 7: Internal electrical circuits and connections |
| 3: Clearances | 8: Terminals for external conductors |
| 4: Creepage distances | 9: Dielectric properties |
| 5: Protection against electric shock and integrity of protective circuits | 10: Temperature-rise limits |
| | 11: Short-circuit withstand strength |

The results are shown in the record of tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the ratings page(s) of this Certificate. This Certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.



0010

Mayur Panchal

Mayur Panchal
Certification Engineer

C. Diack-Evans

C Diack-Evans
Certification Officer

23rd December 2022

Date