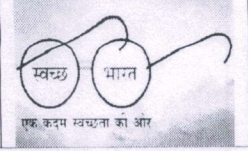




BUREAU OF INDIAN STANDARDS (ERL)



Ref: ERL(E)/3854

Date:02.05.2023

ERL, Electrical Section has created test facility as per details given below:

IS No.	:	3854 : 1997
Product	:	Switches for Domestic and Similar Purposes
Test (s) with Clause No. for which facility has been created	:	Ratings (CI 6), Classification (CL 7), Markings (CI8), Checking of Dimensions (CI 9), Protection against electric shock (CI 10), Terminals (CI 11), Terminal (CI12), Constructional Requirements (CI 13), Mechanism (CI 14), Resistance to ageing to harmful ingress of water and humidity (CI 15), Insulation resistance and electrical strength (CI 16), Temperature rise (CI17), Impact test (CI 20.1), Resistance to heat (CI 21), Screws current carrying parts and connection (CI 22), Creepage & Clearances (CI 23), Resistance of insulating material to abnormal heat to fire (CI 24.1), Resistance to rusting (CI 25)
Type/Size/Grade/Variety for which test facility has been created	:	Switches having (a) current rating 6A, 10A & 16 A (b) voltage rating 230,240, 250 V c) Pattern No. 1 to 6 (d) Normal gap & mini gap construction (e) Unenclosed, Enclosed (f) Ordinary type (g) Rocker, Push button (h) Flush, semi flush type (i) Design A, Design B (j) With screw type terminals
Test Section	:	Electrical
Major equipment procured for creation of test facility	:	Protection against electric shock, Torque screw driver, Temperature rise test apparatus
Status of facility created	:	Partial
Test (s) with Clause No. for which facility yet to be created for complete testing	:	Making & Breaking capacity and Normal operation test set up as per clause 18 & 19.1, Normal operation for fluorescent lamp circuits (CI 19.2), Verification of removal of cover and cover plate (CI 20.4), Resistance to tracking for IPX4 and IPX5 type switches (CI 24.2), Tests for screwless terminals (CI 12.3)
Sample size	:	6 and 9 (in case of dual current rating)
Testing capacity/month	:	15
Remarks	:	Nil

OIC (OA)

Head (ERL)

DDGL

02.05.23

Vijayalakshmi
2/5/2023

OIC (Electrical)

02/05/23