



Amendment-II for Technical specification of Illumination/R8 dtd 10.10.16

Following addition are to be considered applicable in technical specifications of Illumination/R8 dtd 10.10.16

SR NO	Existing Clause no.	Existing Description with Details of Outgoing Feeders	To addition followings items
1	2.1.1.A 415V AC Lighting Panel (Page no. 6 of 29)	- Sr No-1 - AC Panel-1, - Indoor type , - 8 nos.- 20A Single Pole MCB	1) 63 Amp,4 Pole ELCB -1 No. 2) 63 Amp, TPN switch for ELCB bypass arrangement-1 No. 3) 63 Amp, 3 Phase, TPN Contactor 230V AC Supply -1 No. 4) CU/AL Alloy Busbar-25x6 mm,100Amp-4 No. supporting on insulator.Busbar withstand fault level is 9 KA for 1 Sec. & Confirming IS:5082. 5) Phase Indicating Lamp 22.5mm, dia 230V AC LED type (R, Y, B, ON, OFF)- 5 No. 6) 20A HRC Fuse Base with 2 A Fuse Link-4 No. 7) Push Button with NC Contact, RED-STOP-1 No. 8) Push Button with NO Contact, GREEN-START-1 No Note: - 1) Above Panels shall confirm IS-8623 & MCB confirm IS:8828 2) Name plate, Caution plate, Number Plate & Labels are to be provide. 3) The Panel shall have Removable gland plate at bottom side having suitable size gland for incoming and outgoing cable connection. Terminal connector are proper size connection by Ring type lug for incoming and outgoing cable. 4) Enclosure shall be provided outer door having handle, Pad locking and inner door having slot for operating knobs of MCB's. 5) Panel Enclosure shall have both side 2 No. 12 mm earthing stud suitable for outside connection 50x6 G.S. Flat & inside connection with Copper/AL Earth bus size 25x3 mm. Door shall have earthed with 2.5 sqmm flexible copper wire. 6) Following type test report shall be submitted from NABL accredited laboratory as per IS:8623 during detailed engineering, 1) Verification of temperature-rise limits. 2) Verification of the dielectric properties. 3) Verification of mechanical operation. 4) Verification of the degree of protection(IP5X) clearly stipulating the Gasket Size, Type, profile & drawing etc. 5) Short-ckt test.
2	2.1.1.C 220V or 110V DC Lighting Panel (Page no. 6 of 29)	- Sr No-1 - DC Panel-1, - Indoor - 4 nos.-10A Double Pole MCB	1) 32 Amp Double pole ,MCB -1 No 2) Indicating Lamp 220/110V DC ,RED (Incomer ON).-1 No. 3) 20A HRC Fuse Base with 2 A Fuse Link- 2 No. 4) CU/AL Alloy Busbar-25x6 mm,100Amp-2 No. supporting on insulator.Busbar withstand fault level is 4 KA for 1 Sec. & Confirming IS:5082. Note: - As Per Above Note Sr no 1 to 6 are applicable.