

Date: 21.07.2017

REC/DDUGJY/SBD/2017/2148

To,
All PIAs
(States Discoms/Power Departments)

Sub: Modification in technical specification for CTs, PTs under DDUGJY Scheme.

Sir / Madam,

A representation was received from MPPKVCL seeking clarification in technical specification for CTs & PTs under DDUGJY scheme. In this connection, following modification has been made in the technical specification for CTs & PTs :

SI No	TS Clause No	Existing Technical Specification	REC Comments / Clarification
1	TS for current Transformers Clause No. 4.7. (1)	The primary terminal shall be of standard size of 30mm dia X 80 mm length of heavily tinned(min. thickness 15 micron) electrolytic copper of 99.9% conductivity.	<u>Clause may be modified to :</u> The primary terminal shall be of maximum size of 30mm dia X 80 mm length of heavily tinned(min. thickness 15 micron) electrolytic copper of 99.9% conductivity. Manufacturer shall design the diameter of primary terminal keeping current density 1.6 A per sq. mm for the given capacity of CT.
2	TS for potential Transformers Clause No. 7	The secondary terminals studs shall be provided with at least 3 nuts and two plain washers. These shall be made of brass duly nickel plated. The min. stud outer dia shall be 10 mm & length 15 mm.	<u>Clause may be modified to :</u> The secondary terminals studs shall be provided with at least 3 nuts and two plain washers. These shall be made of brass duly nickel plated. The min. stud outer dia shall be 6 mm & length 15 mm.
3	TS for metering units, Clause No.9	Brass rods 12mm dia for Primary and 6mm dia for secondary.	Keeping current density of 1.6 A per sq. mm size of rod may be designed by manufacturer for given CT / PT.

Regional and State Offices : Hyderabad, Kolkata, Mumbai, Panchkula & Lucknow
: Bangalore, Bhopal, Bhubaneswar, Chennai, Guwahati, Jaipur, Jammu, Patna, Ranchi, Shillong, Shimla, Thiruvananthapuram & Vadodara
: Dehradun, Raipur
Training Centre : Central Institute for Rural Electrification (CIRE), Hyderabad

SI No	TS Clause No	Existing Technical Specification	REC Comments / Clarification
4	TS for Metering Units, Clause No 10.b	Tank including top cover shall be Hot Dip Galvanized.	Existing clause of TS will prevail. However state may decide to use Hot dip galvanized / Epoxy paint tank for CT/PT unit as per their prevailing state practices.

This is for your kind information and necessary action please.

Thanking You,

Yours faithfully,



(A Veluchamy)

Addl. General Manager
DDUGJY-Q&FM

Copy for kind information to:

1. The Sr. CPM / CPM, REC Regional office, for kind information please.