ENGINEERING & STANDARDS DEPARTMENT
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T & D MATERIAL PURCHASING SPECIFICATION

JPS Specification No.: Clamp-on, Current Transformers-2022	DATE: September 30, 2022
ITEM STOCK: See Table 2 Below	SUPERSEDES: January 21, 2019

DESCRIPTION: **Clamp-on, Current Transformers.**
APPLICATION: **To be used for transformer metering purposes.**

SPECIFICATION

Clamp-on, Current Transformers, to be used for transformer metering purposes.

The CTs shall be split core, rectangular type or window type with clamp on capability. CTs shall be manufactured to meet the requirements of IC 61869-2-2012 and revisions. Terminals shall be brass studs, each with a flat washer and regular nut. Polarity (both for primary and secondary leads) shall be marked and the CTs shall have the following characteristics:

Parameters	Value
Accuracy Class	See table 2 below
Rated Burden	See table 2 below
Nominal Voltage	600V
Frequency	50Hz
BIL	10kV
Ingress Protection	IP65

Table 1

The CTs Ratio, Burden and Accuracy shall be as follows with corresponding stock number:

STOCK NUMBER:	RATIO:	RATE BURDEN (VA)	ACCURACY CLASS
021803018030	**50/5**	**1.5**	**1.0**
021803018031	**100/5**	**1.5**	**1.0**
021803018006	**200/5**	**2.5**	**1.0**
021803018007	**400/5**	**2.5**	**0.5**
021803018032	**600/5**	**2.5**	**0.5**
021803018033	**800/5**	**2.5**	**0.5**
021803018034	**1500/5**	**2.5**	**0.5**
021803018035	**2000/5**	**2.5**	**0.5**

Table 2

CTs shall have markings and nameplate data that are legible. A nameplate shall be affix to the body of the CT and it shall consist of a voltage sampler screw.

The CTs shall be Hexing Catalogue number LVKDK-41W, according to the required ratio, or approved equal

Prepared By:	Reviewed By:	Approved By:
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