



LV METERING EQUIPMENT TESTS -ON LOAD TESTS

SCTS 82

SUBSTATION:..... CIRCUIT:.....

MPAN

SITE ADDRESS.....

UNIT TYPE

UNIT SERIAL NUMBER.....

CT TESTS

SERIAL NO. L1.....L2..... L3.....

CT APPLICATION: CT RATIO :

BURDEN TESTS

MEASURED CURRENT L1 L2 L3

MEASURED VOLTAGE L1 L2 L3

CALCULATED BURDEN L1 L2 L3

PHASE	MEASURED PRIMARY CURRENT	EXPECTED SECONDARY CURRENT	SECONDARY CURRENT						
			LV MCCB TERMINAL BLOCK			METERING PANEL TEST BLOCK			
			D11/ D10	D31/ D30	D51/ D50	D11	D31	D51	D70
L1									
L2									
L3									

CONFIRM SECONDARY CURRENTS AS EXPECTED



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VOLTAGE TESTS

VOLTAGE READINGS E11-E70 E31-E70 E51-E70

VOLTAGE READINGS E11-E31 E31-E51 E51-E11

CONFIRM PHASE ROTATION (SYSTEM NORMAL ANTI CLOCKWISE)

CONFIRM CT/VT TEST CERTIFICATES LEFT AVAILABLE AT SITE

METER ON LOAD TESTS

CONFIRM METER ON LOAD READINGS AND RECORD

METER INSTRUMENT	A Phase	B Phase	C Phase
VOLTAGE			
CURRENT			
PHASE ANGLE			
POWER FACTOR			
ACTIVE POWER			
REACTIVE POWER			

CONFIRM READINGS IN ORDER

CONFIRM CT TEST LINKS OPEN ON COMPLETION AND VOLTAGE FUSES RE-INSTALLED

METER SERIAL NUMBER

TESTED BY

DATE