

To. Projects Manager	TECHNOLOGY GROUP ENGINEERING
From. Chief Engineer	
(Electrical Design)	
	POWER DELIVERY - SUBSTATION ENGINEERING
	PROFORMA (Moo21P05-SE-D82)
SUBSTATION:	MOOKODI
PROJECT TITLE:	MOOKODI 1st 500MVA TRANSFORMER

Equipment	Stub Insulators
Type	Epoxy Resin
Quantity	21
Nominal system voltage (kV)	1kV
Insulator Length	Min 60mm / Max 75mm
Live End Fixing Requirements	M12 Stud Min 35mm, Max 40mm Long. Supplied with 2 nuts and 2 washers
Base End Fixing Requirements	M16 Stud Min 35mm, Max 40mm Long. Supplied with 2 nuts and 2 washers
Stud , Nut & Washer Material	Grade 8.8 Stainless Steel
Note:1. Particulars of low voltage epoxy resin insulators for supporting surge arrester earth straps, when condition monitoring or strike counters are required. REFERENCE: Earthing standard 0.54/393 Sheets T8, T9, T14, T14A, T14B	

GBE-Substation Engineering

	Name	Designation	Signature	Date
Compiled by	C Thomas	Engineer		02/05/2023
Accepted by	T Moonsamy	Senior Engineer		04/05/2023
Approved by	R Ramnarain	Chief Engineer		12/05/2023