



APPROVED  
WITHOUT PREJUDICE TO  
CONTRACTUAL OBLIGATIONS & LIABILITIES  
Signature: *[Signature]* Date: 27/11/23  
Name: A. CHAKRABORTY  
Sec. E&I/P77

MECON LIMITED  
RANCHI

CATEGORY OF Dwg.	APPROVAL	REFERENCE	RECORD	CONSTRUCTION
		BHILAI STEEL PLANT, BHILAI, CHATTISGARH 7.0 MTPA EXPANSION		
		MECON LIMITED		
VENDOR'S NAME : ENGINEERING & INDUSTRIES LTD.				
PACKAGE DESCRIPTION : INSTALLATION OF STEAM TURBINE GENERATOR AND POWER EVACUATION SYSTEM (EXCLUDING ENABLING WORKS)				
TITLE OF Dwg. : SINGLE LINE DIAGRAM FOR 25MW STG 11/6.9KV POWER DISTRIBUTION SCHEME				
SCALE : 1" = 100'				
VENDOR'S Dwg. No. : TIS/SLD/21				
PROJECT Dwg. No. : 100-001-001-001-001-001-001				
SHEET : 02 OF 04				
REV				

INDICATION FOR IT BREAKER (TYP)

IT	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-1	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-2	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-3	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-4	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-5	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-6	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-7	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-8	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-9	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-10	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-11	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK
IT-12	ON	OFF	TRIP	TEST	RESET	LOCK	TRIP	TEST	RESET	LOCK

NOTES

1. BUS-BAY DIFFERENTIAL PROTECTION SHALL BE CO-ORDINATED WITH THE EXISTING RELAYS OF SECTION-I AND SECTION-II FOR FAULT PROTECTION OF THE EXISTING BUSBARS. THE EXISTING BUSBARS SHALL BE CO-ORDINATED WITH THE EXISTING RELAYS OF SECTION-I AND SECTION-II FOR FAULT PROTECTION OF THE EXISTING BUSBARS. THE EXISTING BUSBARS SHALL BE CO-ORDINATED WITH THE EXISTING RELAYS OF SECTION-I AND SECTION-II FOR FAULT PROTECTION OF THE EXISTING BUSBARS.
2. ALL THE RELAYS USED SHALL BE INDUSTRIAL TYPE WITH IEC 60255 COMPLIANCE. THE RELAYS SHALL BE PROVIDED WITH IEC 60255 COMPLIANCE. THE RELAYS SHALL BE PROVIDED WITH IEC 60255 COMPLIANCE. THE RELAYS SHALL BE PROVIDED WITH IEC 60255 COMPLIANCE.
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REVISIONS

Rev	Date	By	Approved By	Remarks
01	19.09.12	BRK	SNK	REVISIONS AS PER DISCUSSION WITH MECON/RESP ON 25.07.12
02	26.07.12	BRK	SNK	REVISIONS AS PER DISCUSSION WITH MECON/RESP ON 25.07.12
03	26.07.12	BRK	SNK	REVISIONS AS PER DISCUSSION WITH MECON/RESP ON 25.07.12
04	26.07.12	BRK	SNK	REVISIONS AS PER DISCUSSION WITH MECON/RESP ON 25.07.12
05	26.07.12	BRK	SNK	REVISIONS AS PER DISCUSSION WITH MECON/RESP ON 25.07.12