

	BHEL Tenders	Government eProcurement System Published Corrigendum Details			
		Date : 21-Dec-2021 04:39 PM  Print			
Organisation Chain :	Bharat Heavy Electricals Limited BHEL Trichy MM/BOI				
Tender ID :	2021_BHEL_6568_1				
Tender Ref No :	1802100217				
Tender Title :	Startup control valve				
Corrigendum Type :	Technical Bid				
Corrigendum Document Details					
Corr.No.	Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size (in KB)
1	Revised datasheet	Inlet temperature of Hot start- 140 bar condition for MEFCV is revised to 336.6 deg C. Revised data sheet is attached.	21-Dec-2021 04:36 PM	Datasheets01.pdf 	3387.89



SPECIFICATION FOR STARTUP CONTROL VALVES

SPECIFICATION NO.: BM/SCV:001/ANNX-I

SECTION: Boiler Mountings/PE (FB)

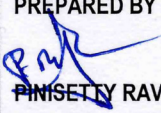
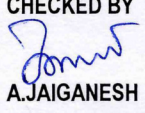
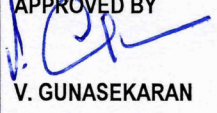
REV. NO.: 01

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ACTUATOR SIZING PRESSURE : 274.6 kg/cm² (g)
BODY DESIGN: PRESSURE / TEMPERATURE : 298.1 kg/cm² (g) / 374°C
TEST PRESSURE : 2 x Design Pressure
IBR FORM – III C : REQUIRED
TOTAL WEIGHT (VALVE+ ACTUATOR+ ACCESSORIES) : kg

Valves should be directly weldable to connecting pipe without the use of reducers. ONLY GLOBE "Z" VALVES ACCEPTABLE.

PART – A (TO BE FILLED UP BY PURCHASER)			PART – B (TO BE FILLED UP BY BIDDER)
ACCESSORIES	ELECTRO HYDRAULIC POSITIONER POSITION LIMIT SWITCH POSITION TRANSMITTER SOLENOID VALVE E/H CONVERTER JUNCTION BOX HAND PUMP LOCAL POSITION INDICATOR HYDRAULIC POWER UNIT(COMMON FOR HWL AND MEFCV) ELECTRONIC CONTROL UNIT (COMMON FOR HWL AND MEFCV)	REQUIRED REQUIRED REQUIRED NOT REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED	
ELECTRO HYDRAULIC POSITIONER	MANUFACTURER & MODEL No. ENCLOSURE CLASS INPUT SIGNAL OUTPUT SIGNAL INCREASE IN SIGNAL	IP-65 4 - 20 mA TO SUIT ACTUATOR TO OPEN / TO CLOSE	
LIMIT SWITCH	MANUFACTURER & MODEL No. OPEN: INT: CLOSE CONTACT TYPE RATING (AC/DC) ENCLOSURE CLASS	1 No. FOR OPEN & 1 No. FOR CLOSE DPDT 2 NO + 2 NC 5A 240V, AC and 0.2A, 220V, DC IP65 / NEMA 4	
POSITION TRANSMITTER	MANUFACTURER & MODEL No. TYPE SUPPLY OUTPUT RATING ACCURACY ENCLOSURE CLASS	LVDT 2 WIRE TYPE 24V DC 4 – 20 mA / 0-100 Ohms +/- 1% FS IP65 / NEMA 4	
HAND WHEEL	ORIENTATION	SIDE MOUNTED	
JUNCTION BOX	No. OF WAYS SIZE CABLE GLANDS: (SIZE / QTY) ENCLOSURE CLASS	THIRTY SIX REQUIRED REQUIRED IP65 / NEMA 4	
E/H CONVERTER	INPUT SIGNAL : POWER SUPPLY SPLIT RANGE ENCLOSURE CLASS	4 – 20mA, DC / 24V, DC YES / NO // YES / NO IP65 / NEMA 4	
SIGN. : NAME : DATE :	PREPARED BY  P. N. RAVIRAJA	CHECKED BY  A. JAIGANESH	APPROVED BY  V. GUNASEKARAN VENDOR SEAL SIGN.: NAME: DATE:



SPECIFICATION FOR STARTUP CONTROL VALVES

SPECIFICATION NO.: BM/SCV:001/ANNX-I

SECTION: Boiler Mountings/PE (FB)

REV. NO.: 01

DATE: 15.05.19

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ACTUATOR SIZING PRESSURE : 323.5 kg/cm² (g)
BODY DESIGN: PRESSURE / TEMPERATURE : 323.5 kg/cm² (g) / 348°C
TEST PRESSURE : 2 x Design Pressure
IBR FORM – III C : REQUIRED
TOTAL WEIGHT (VALVE+ ACTUATOR+ ACCESSORIES) : kg.

Valves should be directly weldable to connecting pipe without the use of reducers. ONLY GLOBE "Z" VALVES ACCEPTABLE.

PART – A (TO BE FILLED UP BY PURCHASER)			PART – B (TO BE FILLED UP BY BIDDER)	
ACCESSORIES	ELECTRO HYDRAULIC POSITIONER POSITION LIMIT SWITCH POSITION TRANSMITTER SOLENOID VALVE E/H CONVERTER JUNCTION BOX HAND WHEEL (SIDE MOUNTED) LOCAL POSITION INDICATOR HYDRAULIC POWER UNIT(COMMON FOR HWL AND MEFCV) ELECTRONIC CONTROL UNIT (COMMON FOR HWL AND MEFCV)	REQUIRED REQUIRED REQUIRED NOT REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED		
ELECTRO HYDRAULIC POSITIONER	MANUFACTURER & MODEL No. ENCLOSURE CLASS INPUT SIGNAL OUTPUT SIGNAL INCREASE IN SIGNAL	IP-65 4 - 20 mA TO SUIT ACTUATOR TO OPEN / TO CLOSE		
LIMIT SWITCH	MANUFACTURER & MODEL No. OPEN: INT: CLOSE CONTACT TYPE RATING (AC/DC) ENCLOSURE CLASS	1 No. FOR OPEN & 1 No. FOR CLOSE DPDT 2 NO + 2 NC 5A-240V, AC and 0.2A, 220V, DC IP65 / NEMA 4		
POSITION TRANSMITTER	MANUFACTURER & MODEL No. TYPE SUPPLY OUTPUT RATING ACCURACY ENCLOSURE CLASS	LVDT 2 WIRE TYPE 24V DC 4 – 20 mA / 0-100 Ohms +/- 1% FS IP65 / NEMA 4		
HAND WHEEL	ORIENTATION	SIDE MOUNTED		
JUNCTION BOX	No. OF WAYS SIZE CABLE GLANDS: (SIZE / QTY) ENCLOSURE CLASS	THIRTY SIX REQUIRED REQUIRED IP65 / NEMA 4		
E/H CONVERTER	INPUT SIGNAL : POWER SUPPLY SPLIT RANGE ENCLOSURE CLASS	4 – 20mA, DC / 24V, DC YES / NO // YES / NO IP65 / NEMA 4		
SIGN. : NAME : DATE :	PREPARED BY P. NISETTY RAVIRAJA	CHECKED BY A. JAIGANESH	APPROVED BY V. GUNASEKARAN	VENDOR SEAL SIGN.: NAME: DATE: