



LEGENDS:

SYMBOL	DENOMINATION
	CENTRIFUGAL PUMP MOTOR ASSEMBLY
	PRESSURE GAUGE
	PRESSURE SWITCH
	CHECK VALVE
	BUTTERFLY VALVE (CLOSED)
	BUTTERFLY VALVE
	MOTORIZED BUTTERFLY VALVE
	CYCLONE SEPARATOR
	FILTER
	BALL VALVE
	GATE VALVE
	BALL VALVE (CLOSED)
	REGULATING VALVE
	FLOW INDICATOR WITH SWITCH
	INSTRUMENT ISOLATION VALVE
	TEMPERATURE INDICATOR

NOTES:

- PIPE WILL BE ERW CARBON STEEL AS PER IS:1239(M).
- FITTING SHALL BE WROUGHT CARBON STEEL BUTT WELDED AS PER ANSI B16.9.
- MOC FOR ALL VALVES SHALL BE BODY-CAST STEEL, INTERNAL-SS.
- BEFORE STARTING THE MACHINE, KINDLY ENSURE ALL NORMALLY OPEN VALVES ARE KEPT IN OPEN POSITION.
- PIPE WILL BE PAINTED WITH GREEN COLOR FROM OUTSIDE AT SITE AFTER INSTALLATION.
- THIS SCHEMATIC IS SMALLER UNIT.
- THIS COOLING WATER IS SUITABLE UPTO 1500 PPM WATER QUALITY.

ISSUED FOR TENDER

ALTERATIONS		509595		ORIGINAL ISSUE		14.03.2023		NO PART OF THIS DRAWING MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM IN ANY FORM, OR TRANSMITTED BY ANY MEANS, WITHOUT THE PRIOR PERMISSION OF ENTURA.		REFERENCES		DESIGN MANAGER R.R. <i>RRain</i> -		DESIGNED N.K. <i>N.K.</i> -		DRAWN S.P. <i>S.P.</i> -		CHECKED N.K. <i>N.K.</i> -		APPROVED R.R. <i>RRain</i> -		DATE MAR 2023 -		entura WE OWN. WE OPERATE. WE CONSULT. FC-24, Unit 3A, 3rd Floor, Film City, Sector 16-A, Noida, U. P. 201301 India <a href="http://www.entura.com.au">www.entura.com.au</a> © COPYRIGHT 2021		CLIENT: DD HYDRO POWER & DEVELOPERS PVT. LTD. ENGAGEMENT No: 304912		TITLE KEYI HEP (2X11.5) MW SCHEMATIC DIAGRAM OF COOLING WATER SYSTEM		SCALE N.T.S.		SIZE A1		ORG No. EHT-KE-T-EM-009		SMT. -		REV. 00	
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