

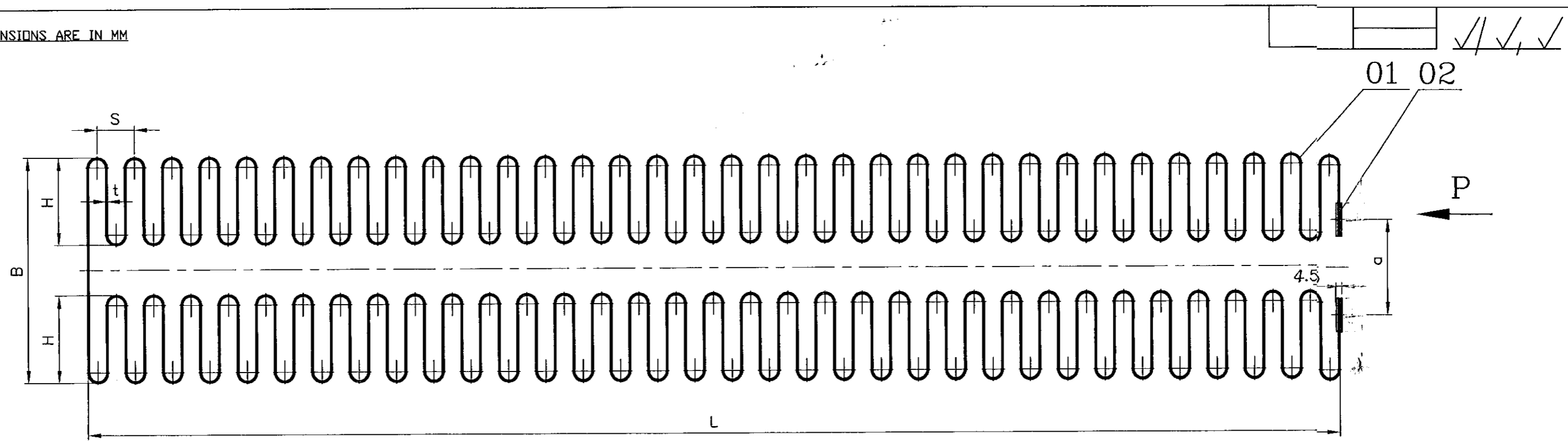
**Annexure-C**  
**Technical Specifications**

<b>Item wise Technical Specifications</b>			
<b>Enq. Item SL.No</b>	<b>Item Description and Technical Specifications</b>	<b>Qty (Set)</b>	<b>Vendor's Confirmation</b>
10	<p><b>HEATING COIL</b></p> <p>HEATING ELEMENT AS PER BHEL DRAWING NO: 3-E-18C-11910</p> <p>ITEM NO 1 AND 2 MENTIONED IN THE DRAWING SHALL BE CONSIDERED AS 1 SET AND THE SAME SHALL BE SUPPLIED WITH LAB TEST CERTIFICATE BY ANY AUTHORISED AGENCY.</p> <p>NOTE: Supplier has to offer inspection by BHEL engineer at their works after completion of the first Coil. The remaining coils will be manufactured after clearance.</p>	5	

Sign & Seal of the supplier

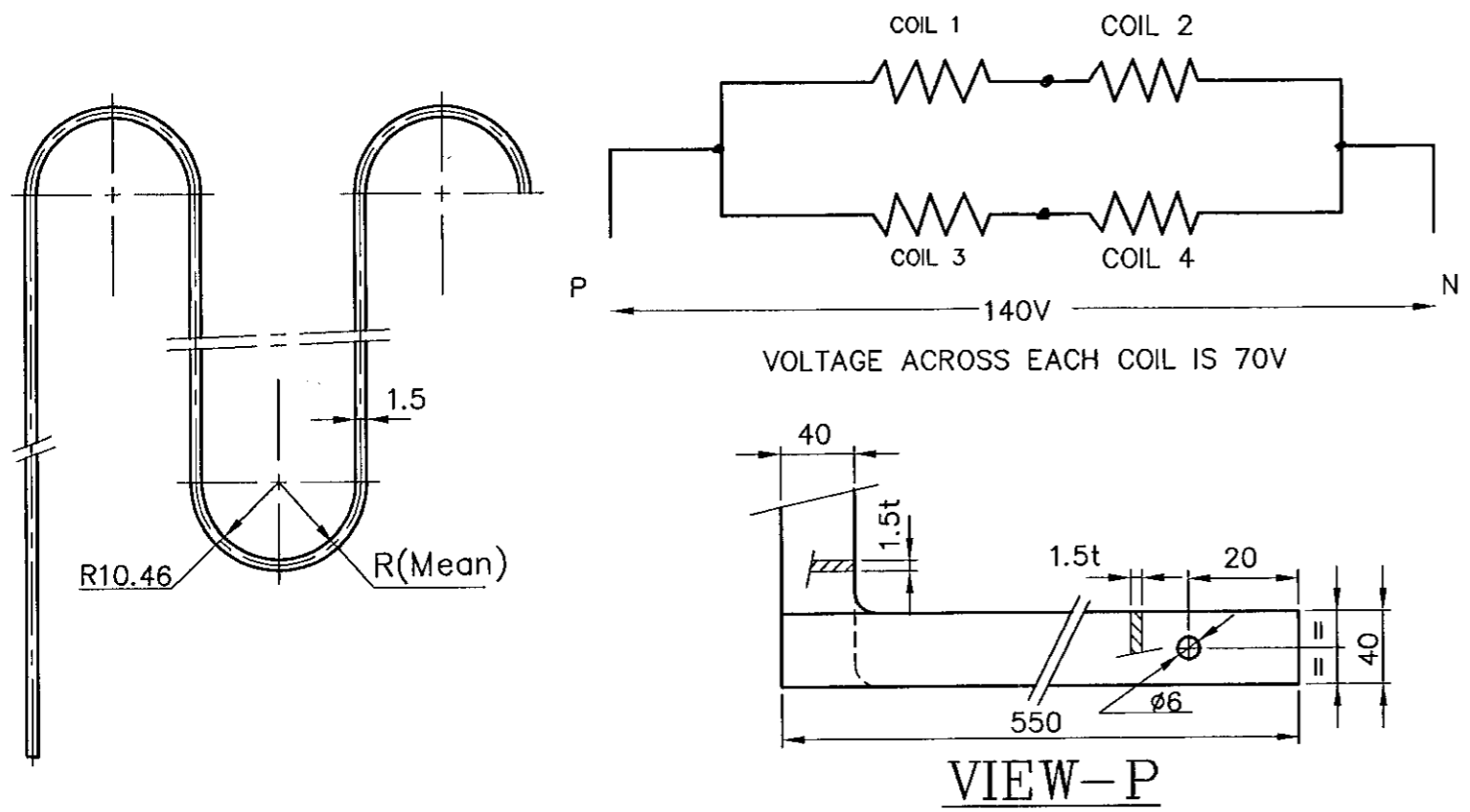
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ALL DIMENSIONS ARE IN MM



STRIP SIZE bxt mm	DEVELOPED LENGTH mm	MATERIAL	KW RATING	VOLTAGE ACROSS TERMINALS	COLD RESIST	HOT RESIST	FURNACE TEMP. °C	SURFACE LOAD WATTS/CM <sup>2</sup>	H	L	B	a	S PITCH mm	No.OFF PITCHES	R (MEAN)
40x1.5	17000	KANTHAL A1	12.5KW PER COIL	*	0.376 Ω	0.391 Ω	1125		105 mm	1504 mm	270 mm	165 mm	44.84	66.89	11.21

\* 4 COILS PER PHASE  
2 COILS IN SERIES AND 2 SUCH CONFIGURATION IN PARALLEL



4	1.5tx40x550L	KHANTHAL D GRADE		0.94		02
1	1.5tx40x17000	KHANTHAL A1 GRADE		7.25		01
⊗	ASSY			8.19	1-M-18C-02496	07
No. of Pieces	DESCRIPTION	MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.	ITEM No.
REFERENCE:			COMPONENT CODE: 00		EQUIPMENT CODE: 08	
SCALE	DRAWN		ALTERATIONS:	DCN REF	DATE	SIGN.
/	CHECKED	<i>R. Ramamurthy</i>				
	APPROVED	<i>[Signature]</i>				
	DATE	04-01-2000				
MACHINE: ELE.CAR BOTTOM FURNACE			TYPE: THERLIK-300 KW			
TITLE: STRIP ELEMENT			DRAWING No: 08			
			3-E-18C-11910			
			No. of Sheets: Sheet No:			