

(5)

**AL SPECIFICATION FOR WEAR-IN AND VOLUMETRIC EFFICIENCY TEST RIG
FOR EXPRESSOR/ COMPRESSOR**


Requisition No. 52626346

Dt. 29.10.14

Major parameter	3 Phase Induction Motor with specially designed speed variable system	125 HP, 415V 3Phase 50Hz supply 125/150 HP CROMPTON/KIRLOSKAR/HAVELLS make 3 Phase Induction Motor 415 V 50Hz
	Specially designed speed variable system.	Hitachi make or C&S Electricals.
	Auto.Cut - in and cut - out system.	08 to 10 Kg/cm ² - Electro pneumatic system will be provided.
	Heavy Duty Couplings with universal joint and spline mechanism.	Suitable for 6 CD 4 UC, 6 CD 3 UC and LG 3 CDB expresser/compressor.
	Air and Vacuum Reservoirs.	Suitable for 6 CD 4 UC, 6 CD 3 UC and LG 3 CDB expresser/compressor.
	Different types of Gauges.	0 to 10 kg/cm ² 0 to 76 cm hg.
	Seamless Heavy Duty Pipes Sockets and Elbows.	I.S.I. Specification No.1239-1973 Part-1 Heavy series.
	Orifices of different diameters.	Suitable for 6 CD 4 UC, 6 CD 3 UC and LG 3 CDB expresser/compressor.
	Fabricated base and Stand.	Suitable for 6 CD 4 UC, 6 CD 3 UC and LG 3 CDB expresser/compressor.
	Heavy Duty Cables.	Suitable for 3 Phase Induction Motor. Zenium/Havells/Empire make.
	Other miscellaneous items such as drain system orifice mounting blocks etc.	Suitable for 6 CD 4 UC, 6 CD 3 UC and LG 3 CDB expresser/compressor.
	Globe - Valve.	Suitable to pipe diameter. As per IS: 778 class II Heavy Duty.
Minor parameter	In this parameter deviations can be accepted if they do not alter the use/quantity in a significant manner, to be certified by user department. Speed range 400, 550, 750, 1000 rpm.	
Concomitant accessories	To be supplied free of cost with machine, without which machine may not function.	
	Fan Guard arrangement is will be provided for safety.	
	Safety guard for Couplings with universal joint and spline mechanism will be provided for operator safety.	
	Temperature measurement facility at Intercooler and After cooler inlet & outlet and ambient temperature will be provided.	
	Display board features for Machine parameter will be provided.	
Optional accessories	Nil	
Spares	1. Temperature measuring equipment 2. Orifices of different diameter. 3. Orifice mounting blocks. 4. Drain Valves.	
AMC requirement	No	
Warrantee requirement	IRS Condition	
Special requirement	Installation and Commissioning to be done free of cost within one month.	
	Training - Learning & training to staff will be arranged by the firm in shed premises	
	Maintenance manual - 02 sets will be provided.	


SSE (HRM)


DME (D)


Sr. DME (D) ET

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Annexure-II

To be submitted by the firm along with offer-

Tender specification	Specification quoted by the firm	Deviation if any with clarification