

**VACUUM PUMP PARAMETER SHEET**

EMPLOYEE NAME:		DATE:			
PLANT NAME:		CAPACITY:		UNIT NO.:	
PLANT AT: <input type="checkbox"/> FULL LOAD <input type="checkbox"/> PART LOAD (SPECIFY)					
IS THE VACUUM PUMP INLET BUTTERFLY VALVE: <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSE					
IS ABNORMAL SOUND COMING FROM: <input type="checkbox"/> BODY [CASING] DE <input type="checkbox"/> BODY [CASING] NDE <input type="checkbox"/> OTHER(S):					
SOUND NOTICED DURING:					
SOURCE OF COOLING WATER TO THE CONDENSER:					
SOURCE OF COOLING WATER TO THE VACUUM PUMP HEAT EXCHANGER:					
SOURCE OF SEAL WATER:					
DESCRIPTION / DETAILS		VACUUM PUMP – A		VACUUM PUMP – B	
MODEL NO:					
SERIAL NO.					
DESIGN RPM OF VACUUM PUMP					
YEAR OF MANUFACTURE	DATE OF COMMISSIONING				
DATES OF VACUUM PUMP MAINTENANCE (OVERHAULING/MINOR) DONE AT SITE		OVERHAULED	MINOR	OVERHAULED	MINOR
		INLET	OUTLET	INLET	OUTLET
COOLING WATER TEMPERATURE (INLET TO & OUTLET FROM THE HEAT EXCHANGER)		°C	°C	°C	°C
SEAL WATER TEMPERATURE (INLET TO & OUTLET FROM THE HEAT EXCHANGER)		°C	°C	°C	°C
LEAKAGE RATE [FROM THE ROTAMETER]		Kg/hr		kg/hr	
PUMP RPM					
VACUUM		Bar		Bar	
SHUT OFF VACUUM		Bar		Bar	
COOLING WATER PRESSURE		Kg/cm <sup>2</sup>		Kg/cm <sup>2</sup>	
SEAL WATER PRESSURE		Kg/cm <sup>2</sup>		Kg/cm <sup>2</sup>	
SEAL WATER FLOW RATE		cu.m/hr		cu.m/hr	
VACUUM PUMP BODY TEMP [1 <sup>ST</sup> STAGE / 2 <sup>ND</sup> STAGE]		°C	°C	°C	°C
MOTOR TEMPERATURE		°C		°C	
MOTOR CURRENT [WITH LOAD / WITHOUT LOAD]		A	A	A	A
SEPARATOR TEMPERATURE		°C		°C	

PUMP BEARING TEMPERATURE [DE/NDE]	°C	°C	°C	°C
MOTOR BEARING TEMPERATURE	°C		°C	
RECIRCULATION PUMP BODY TEMPERATURE	°C		°C	
WATER LEAKAGE FROM BODY DE / NDE	<input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input type="checkbox"/> NO	
WATER LEAKAGE FROM GLAND DE (60 DROPS/MIN)	<input type="checkbox"/> OK	<input type="checkbox"/> MORE	<input type="checkbox"/> NONE	<input type="checkbox"/> OK <input type="checkbox"/> MORE <input type="checkbox"/> NONE
WATER LEAKAGE FROM GLAND NDE (60 DROPS/MIN)	<input type="checkbox"/> OK	<input type="checkbox"/> MORE	<input type="checkbox"/> NONE	<input type="checkbox"/> OK <input type="checkbox"/> MORE <input type="checkbox"/> NONE
VIBRATION ANALYSIS	PUMP DE:	mm/sec	PUMP DE:	mm/sec
	PUMP NDE:	mm/sec	PUMP NDE:	mm/sec
	MOTOR DE:	mm/sec	MOTOR DE:	mm/sec
WATER LEVEL IN THE SEPARATOR	<input type="checkbox"/> LOW <input type="checkbox"/> MEDIUM <input type="checkbox"/> HIGH		<input type="checkbox"/> LOW <input type="checkbox"/> MEDIUM <input type="checkbox"/> HIGH	
MAKE UP WATER (SOLENOID VALVE)	<input type="checkbox"/> ON <input type="checkbox"/> OFF		<input type="checkbox"/> ON <input type="checkbox"/> OFF	
FLOW FROM SEPARATOR OVERFLOW LOOP	<input type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input type="checkbox"/> NO	
<b>OTHER DETAILS</b>				
HEAT EXCHANGER: <input type="checkbox"/> S&T <input type="checkbox"/> PHE <input type="checkbox"/> NONE MAKE: MODEL NO.:	ELECTRIC MOTOR: MAKE: MODEL: DESIGN RPM:		RC PUMP: <input type="checkbox"/> YES <input type="checkbox"/> NO MAKE: MODEL:	
ROTAMETER: <input type="checkbox"/> YES <input type="checkbox"/> NO MAKE: MODEL NO.:	GEAR BOX: <input type="checkbox"/> YES <input type="checkbox"/> NO SILENCER: <input type="checkbox"/> YES <input type="checkbox"/> NO		MATERIAL: CASING: ROTOR: PORT PLATE/CONE:	
INSTRUMENTS DAMAGED/MISSING FROM THE PACKAGE:				
COMMENTS/OBSERVATIONS:				

SIGNATURE