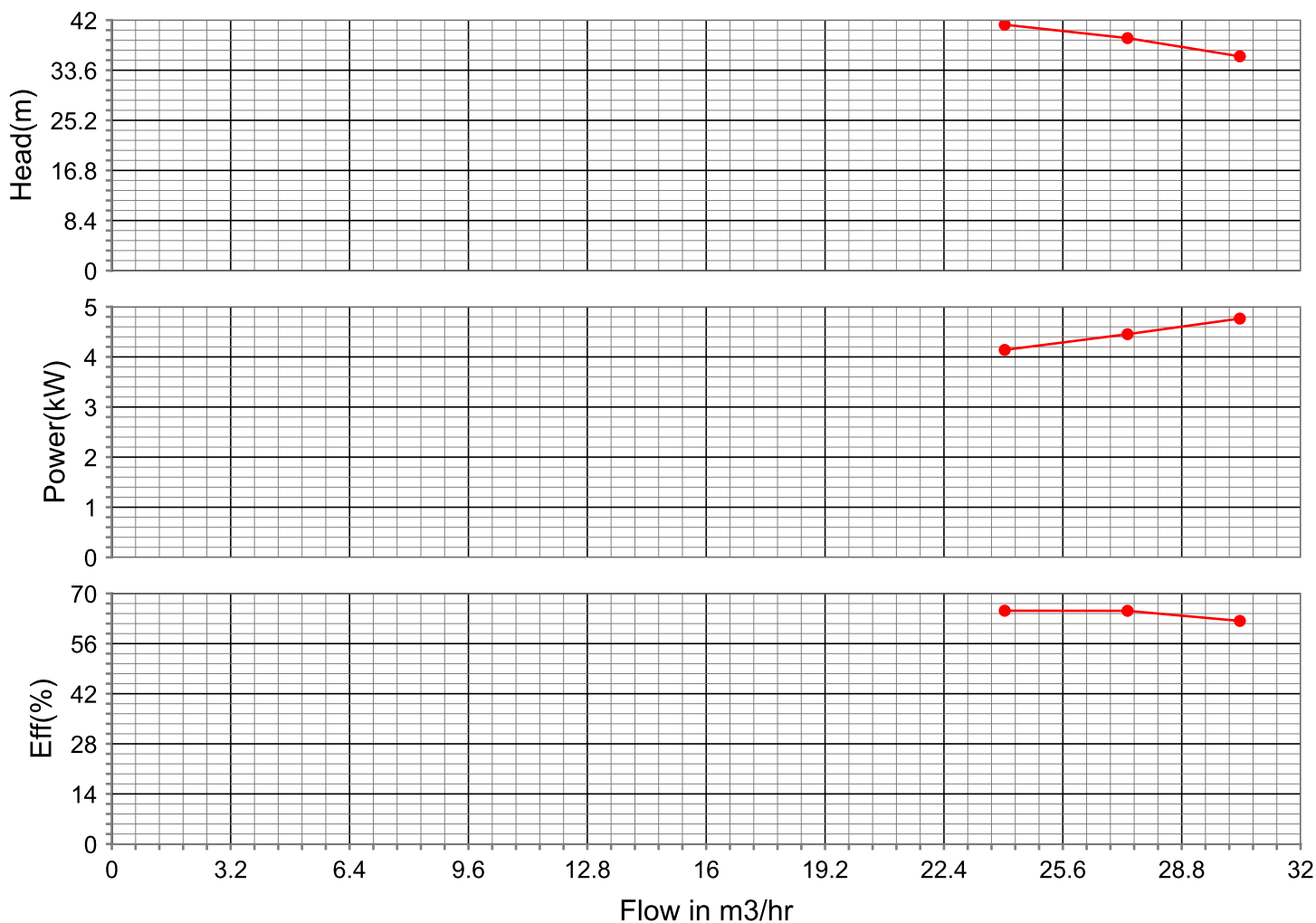


PUMP TEST OBSERVATION SHEET

PUMP DATA								Test Motor Details			Duty Condition		
PUMP Model	ZP-642							Make	ABB		Flow rate (m3/hr)	20.0	
PUMP SI. NO.	1057							Rating (HP) / (kW)	7.5 / 5.5		Head(m)	40.0	
Impeller Dia	175.0							Frame/Class of Prot. Ins	160/TEFC		Efficiency(%)	40.0 %	
Client	PRATIK							Speed(rpm)/Freq(hz)	2915.0/50.0Hz		Power[Water](KW)	5.5	
Client Order ref	SAGAR							Current(Amps)	10.5		Pump Rated Speed	2900.0	

s/no	Flow rate*	Suction* Gauge Reading	Delivery* Gauge Reading	Velocity Head Corr	Total Head	Voltage	Current*	Motor* Input	Motor Out put	Motor Eff	Speed	Perf. converted at:2900.0RPM			Pump OutPut	Pump Efficiency
	m3/hr	m	m	m	mwc	v	amps	kw	kw	%	rpm	Flow rate	Head	Pumpset Input	kw	%
1	24.40	1.60	43.20	0.39	42.49	415.0	7.60	4.94	4.33	87.7 %	2944	24.04	41.23	4.14	2.70	65.19 %
2	27.70	1.60	40.60	0.51	40.01	410.0	8.23	5.35	4.63	86.6 %	2938	27.34	38.98	4.45	2.90	65.17 %
3	30.70	1.50	37.10	0.62	36.72	411.0	8.68	5.68	4.93	86.7 %	2932	30.36	35.93	4.77	2.97	62.34 %

Velocity Head Correction based on Testing arrangement and all values shown based on water @ Specific gravity 1.0 with Ambient Temperature.



Sealing Type	SMSS	Noise Level (db)	60.0
Sealing Material	TC/VITON	Vibration (microns)	40.0
Sealing Size	22 MM	Ambient Temp (deg)	22.0
End Connection Size	65.0 x 50.0 mm	Motor Sr. No	9999
Gauge Level	0.5 mtr	* Observed Readings	

Tested By:-

Witnessed By:-