

HAYWARD POOL PRODUCTS LABORATORY TEST REQUEST

REQUESTED BY T.D. Searl / Meridian Requests	DATE 3/6/03	PROJECT # 1116E	LAB ORDER # WO1116E10M7	HAYWARD TEST #	
REQUESTERS ORDER # WO1116E10			DRAWING		
REQUESTED - COMPLETION <input type="checkbox"/> START <input checked="" type="checkbox"/> DATE 3/6/03			REVISION #		
PART NUMBER 50 HZ Super II	HAYWARD MODEL NUMBER SP3007X1051; SP3010X1551; SP3015X2051; SP3025X30G51; SP303053;		IG <input checked="" type="checkbox"/> ABG <input type="checkbox"/>	URGENT SITUATION <input type="checkbox"/>	
DATE CODES					
TECHNICIAN	DATE STARTED	COMPLETED	TOTAL HRS.		
TEST REQUESTED Conduct Sound Tests on these 50 HZ Pumps as per several requests from IMG - Meridian. Add sound test data to existing Excel Files on 50 HZ Pump Performance.					
MATERIAL SOURCE Motors and Pumps from Model Shop Stores or order if not available in Elizabeth.					
TEST REQUIREMENTS Assemble sound test chamber on opposite side of pool from previous practice. Use 50 HZ Generator. Record Sound Level in decibels at 7, 10 and 15 psi back pressure and at full flow.					
INTENTION OF TEST To provide overseas customers with sound test data for 50 HZ Pumps.					
COMMENTS We will need to run a 50 HZ line (extension cord) to the other side of pool. Bills of Material for the subject pumps will be provided. We have permission to move the Chlorinator Test Stand away from the pool in to the outside staging area where the Sound Chamber is now located.					
TEST RESULTS					
Pump type	Motor number	Horse power	Impeller		
SP3007X1051	SP0135Z1CM	1	SP3010C		
SP3010X1551	SP0140Z1CM	1.5	SP3016C		
SP3015X2051	SP0150Z1CM	2	SP3021C		
SP3025XG51	SP0160Z1CGC	3	SP3026C		
SP303053	SP0160Z1EM	3	SP3031C		
Pump type	Sound level in db	Full flow	7 PSI	10 PSI	15 PSI
SP3007X1051	Sound level in db	74	67	66	63
SP3010X1551	Sound level in db	68.5	62	62	62.5
SP3015X2051	Sound level in db	68.5	68	67.5	68
SP3025XG51	Sound level in db	68	65.5	66	66
SP303053	Sound level in db	80	73	73	72.5
ENGINEERING SUMMARY					