

# P.I. TEST FORM

(TO BE COMPLETED BY CONTRACTOR / PUMP MANUFACTURER)

PERFORM MOTOR WINDING INSULATION RESISTANCE TESTING  
AS FOLLOWS:

- A) PERFORM TEST PRIOR TO START-UP OF LIFT STATION WITH THE CONSTRUCTION COORDINATOR AND LIFT STATION PERSONNEL PRESENT.
- B) USE A MOTORIZED OR BATTERY OPERATED METER, SET AT A TEST VOLTAGE AS CLOSE AS POSSIBLE TO THE NORMAL OPERATING VOLTAGE OF THE MOTOR.
- C) LOG THE READINGS AT THE ONE MINUTE AND TEN MINUTE INTERVAL ON THE TABLE BELOW.
- D) COMPLETE THE WINDING INSULATION POLARIZATION INDEX (P.I.)

P.I. TEST STARTED AT 500 VOLTS				
MOTOR NO.	TEST VOLTAGE	1 MIN. READING	10 MIN. READING	POLORIZATION INDEX
1				
2				
3				
4				

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

REVISED: SEPT-2009	SUBMERSIBLE LIFT STATION - P.I. TEST FORM	STANDARD DETAIL
ISSUED: SEPT - 2009	CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.	SLS-6