



PUBLIC WORKS DEPARTMENT

PUMP (LIFT) STATION CONSTRUCTION START-UP PROCEDURE

- I. Project Substantially Completed
 - A. Inspector will request and have present with 5 working days notice:
 1. Design Engineer (if applicable).
 2. O & M Personnel (optional).
 - B. Contractor will have present:
 1. Superintendent.
 2. Pump and controls representatives.
 3. Design Engineer (if applicable).
 4. Other concerned persons.
 - C. On site; Contractor will:
 1. Demonstrate agreement compliance.
 - a. Demonstrate pump removal, if applicable.
 - b. Demonstrate pump operations.
 - c. Make startup report, to include:
 1. Amp draw.
 2. Meg ohms.
 3. Voltages.
 4. Rotation.
 - d. Demonstrate pressure switches.
 - e. Demonstrate lead, lag, off, and alarm operation.
 2. Supply 2 copies of O&M manuals, spare parts, and electrical schematic to owner, and 2 copies of O&M manuals to City.
 - D. After demonstrated agreement compliance, inspector will:
 1. Compile preliminary punch list.
 2. Monitor punch list completion.
 3. Perform final inspection.
 4. Establish a warranty date.

PUMP STATION START-UP

Date: _____

Project Name: _____

Pump Manufacturer: _____ Model: _____ Imp.: _____

#O&M Manuals to City/Owner: _____ Phase: _____ Voltage: _____

Design Conditions: _____ GPM @ _____ TDH _____ HP: _____ FLA _____

Pump #1 SN _____ Pump #2 SN _____

Voltage Check L1/L2 _____ L1/L3 _____ L2/L3 _____

L1/Grd _____ L2/Grd _____ L3/Grd _____

Amp/Meg Check

Pump #1	MEG	Amp
L1		
L2		
L3		

Pump #2	MEG	Amp
L1		
L2		
L3		

System Check

Alarm Light _____

Float Sys _____

Horn _____

Bubbler Sys _____

Silence _____

Alternator _____

WW Dia: 4' 5' 6' 8' 10' 12'

Gal / Inch 7.8 12.2 17.6 31.3 48.9 70.5

Float Test: OFF _____ LEAD ON _____ LAG ON _____ ALARM _____

DRAWDOWN TEST

PUMP #1

#1 #2 #3

Start			
Finish			
Drawdown			
GPM			
PSI			
Corr.			
TDH			

PUMP #2

#1 #2 #3

Start			
Finish			
Drawdown			
GPM			
PSI			
Corr.			
TDH			

Stall Head Pump #1

psi _____
 Corr. _____
 TDH _____

Stall Head Pump #2

psi _____
 Corr. _____
 TDH _____

Notes: _____

