

WCID 17 Grinder Pump Start-Up

Inspection Date: _____ Serial Number: #1 _____

#2 _____

Address / Project: _____ Result: (Circle One) **PASS** **FAIL**

Plumber: _____ WCID 17 Tech: _____

Rec'd by: _____ *Inspection Fees = \$250 Residential; \$500 Commercial
Reinspection Fees = \$50.00 per reinspection*

Please answer the following questions by checking "yes" or "no" in the boxes provided below.

- | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------|
| 1. All miscellaneous debris removed from inlet pipe and basin before start up?
(Must be Clean) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 2. Stand and retaining rings mounted to pump? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 3. Ballast installed as indicated on Figure 1 in installation manual?
(Call office for verification.) Discharge assembly to be installed as
in Figure 1 on page 3. | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 4. All valves (residential/main) opened before start-up? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 5. Basin installed 8" above finished grade?
NOTE: (1) Fiberglass Basin Extension NOT TO EXCEED 12" may be installed
to grinder pump station to achieve required height. | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 6. Center of the inlet pipe a minimum of 30" from the bottom of the basin? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 7. Mushroom vent installed? (Must be 10' min. from operable window.) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 8. Inlet grommet installed correctly inside? (Figure 3) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 9. Supply cable installed as shown in Figures 3 and 5 in the installation manual
with <u>1" PVC</u> electrical conduit? " <u>Conduit to be inspected at start-up.</u> " | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 10. <u>Conduit buried 18"</u> maximum from finished grade? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 11. Supply cable secured properly and gasket installed? (Figure 1) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 12. Cord Grip Connector installed properly? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 13. Check pump 6 times. If there are double pumps, put switch on both/fast for
one (1) of the run times. | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 14. Equalizer installed correctly? (Figure 1) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 15. All conduits sealed to prevent moisture damage to electrical components? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 16. Verify yellow nylon rope is attached to pump and secure at the <u>top</u> of the
fiberglass basin? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 17. All Electrical, Operational, and Start-Up Test performed as shown on
Pages 8, 9 and 10 in the installation manual? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 18. Control box <u>48'</u> above finished grade? (Bottom of box) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 19. Red light on control box must be seen from the road from front of the house? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 20. 30 AMP breaker in front of panel box (dedicated circuit.) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 21. Penetration to electric panel on bottom only? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 22. Only 6" of electric line left in panel as slack. EQC must reach top of
wet well not to exceed 24" past the lid. | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 1. AMPS @ Start-Up _____ Volts @ Start-Up _____ | | |
| 2. AMPS @ Start-Up _____ Volts @ Start-Up _____
(Between 5 – 8) (Between 216 – 264) | | |

***ALL CORRECTIONS MUST BE MADE AND REINSPECTED WITHIN 10 DAYS OF THIS INSPECTION NOTICE

***If you answered NO to any of the above questions, please contact an EI² representative at 1-800-374-7008. Failure to report and/or repair problems will result in loss of warranty.