

Town of Cary Pump Station Inspection Sheet



Facility Name: Aviation Parkway

Inspection Date: 7/8/2010

ID Number: 042

Pump

Type: Submersible
Discharge Diameter: 8"
Control: VFD/Blubber
Manufacturer: ABS Pumps
ABS AFP1040 M35/4
230-228-2700

Condition: Good
Pump One: 3,125 gpm
Pump Two: 3,137 gpm
Firm Capacity 3,125 gpm
Rep: Pete Duty & Associates
919-220-4156

Wetwell: 6'-2" Diameter 7' Deep Vol: 2,700 gal

Odor:

At the Fence: 0.005 ppm
Odor Control: None
Wetwell: 2.600 ppm
Condition: NA

Generator:

Generator: Gregory Poole – Olympia
Model 3406
Switchgear: Auto
Condition: Fair
KVA: 375 KW: 300

Grinder:

Aluminum Trash Screen Condition: Fair

Sound:

At the Fence: 62 dB Gen off
Wetwell: 70 db Pump off
Wetwell: 71 db Pump on

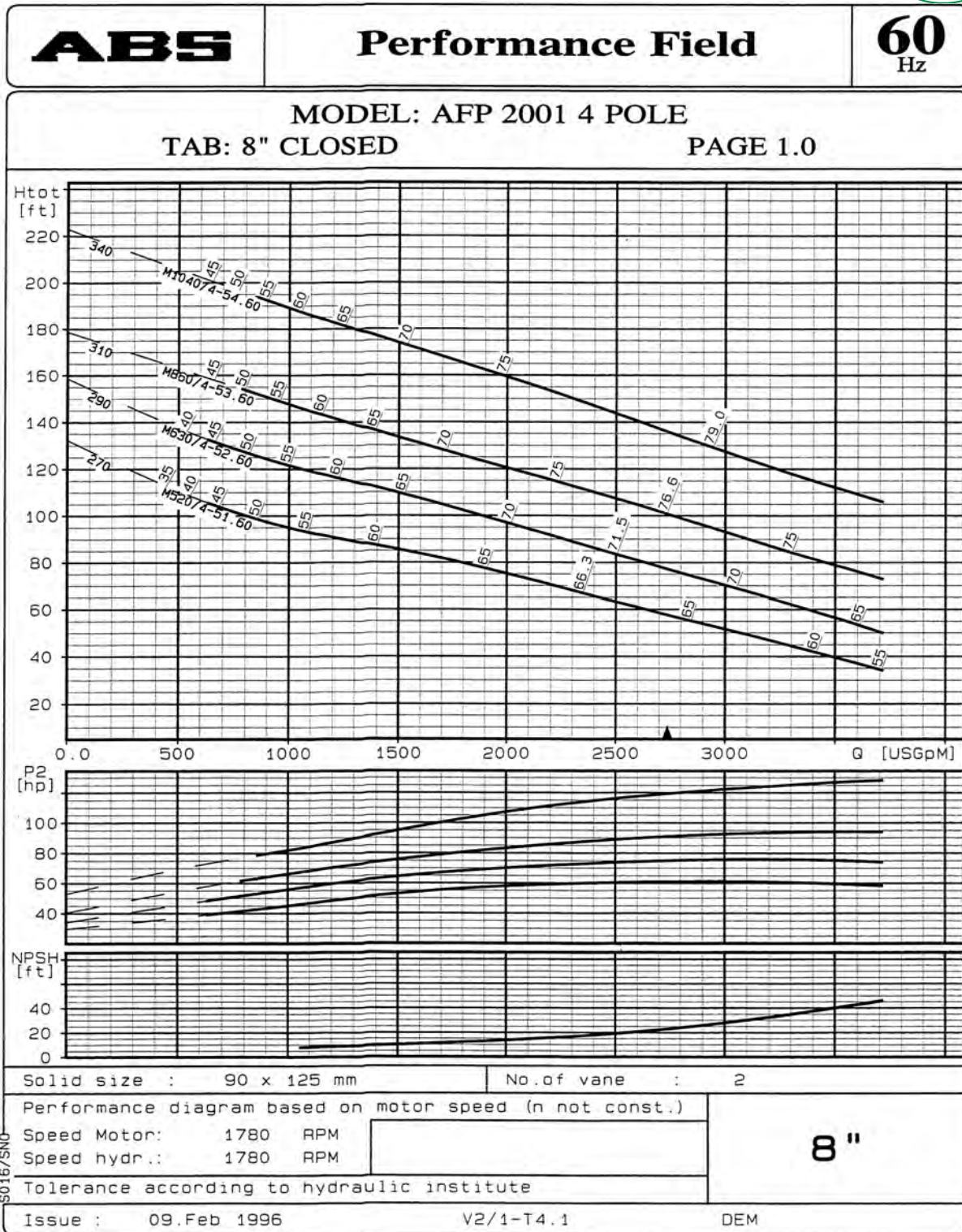
Comments:

- no grinder
- no odor control.
- generator
- pump guides in good condition, steel guide supports are in poor condition.
- generator has several areas of surface rust
- electrical building is in poor condition. mostly cosmetic
- electrical building exhaust fan is in poor condition
- electrical building door was in poor condition, fixed during inspection
- wetwell vent is rusty
- wetwell steps are missing in sections

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Aviation PS Pump Curve:



S015/SND

Town of Cary Pump Station Inspection Sheet



Aviation Parkway Pump Station



Control Panel



Generator



Control Panel



Town of Cary Pump Station Inspection Sheet



Electrical Building



Control Panel



Mag Meter



Meter Vault



Steel Guide Supports



Wetwell

