

LR Field Services

Prepared for Arkansas Electric Cooperative (12029)

410 Henderson Rd
Malvern AR 72104

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Hi-Speed Industrial Service
7030 Ryburn Dr
Millington, Tn 38053
901-873-5300

Balancing Report

FolderID: 104439
FormID: 24075471

Arkansas Electric Cooperative
(12029)
410 Henderson Rd
Malvern, AR 72104

General	
1. Job Number	
2. Report Date	
3. Customer	
Balancing Report	
4. Balance Type	
5. Balance Operating Speed	
6. Starting Measurements	
Left End	Right End
7. Balancing Specification	
8. Finished Measurements	
Left End	Right End
9. List Parts Needed	
10. Service Technician	

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Hi-Speed Industrial Service
7030 Ryburn Dr
Millington, Tn 38053
901-873-5300

Field Service Ticket

FolderID: 104439
FormID: 24138702

Arkansas Electric Cooperative
(12029)

410 Henderson Rd
Malvern, AR 72104

Job Information

- | | |
|---------------------------------|--------------------|
| 1. Hi-Speed Job Number | 104439 |
| 2. Asset Type | Cooling tower pump |
| 3. Make | |
| 4. Model | |
| 5. Serial Number | |
| 6. Customer Asset ID/Asset Name | Pump 2 |

Service Call Details

7. Service Objectives
To balance 2250 hp unit as a whole.
8. Services Performed
We were able to balance the 2250 hp verticle with the pump connected from 8 mils on top and 4 mils on the bottom down to 0.1 on top and 0.1 on the bottom. Customer was very impressed.



9. Service Technician Recommendations

Approval Signatures

- | | |
|----------------------------------|-------------|
| 10. Service Technician Signature | Trevor Hall |
|----------------------------------|-------------|

- | | |
|------------------------|-------------|
| 11. Customer Signature | John Mehlin |
|------------------------|-------------|

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Field Service Ticket

FolderID: 104439
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Arkansas Electric Cooperative
(12029)

410 Henderson Rd
Malvern, AR 72104

Job Information

- | | |
|---------------------------------|------------------|
| 1. Hi-Speed Job Number | 104439 |
| 2. Asset Type | Water pump motor |
| 3. Make | |
| 4. Model | |
| 5. Serial Number | |
| 6. Customer Asset ID/Asset Name | Pump 2 |

Service Call Details

7. Service Objectives
To try to balance 2250 hp motor and pump as one unit.

8. Services Performed
First vibration readings as found with pump connected are under pump 7 on the Emerson 2140. We removed the guards and started the motor to take initial readings. With the pump connected the vibration is over 9 mils up top and 4 on the bottom of the motor. We then disconnected the pump and ran the motor. The motor by itself is 0.06 up top and 0.03 on the bottom with the 2140. The pump is dramatically changing the balance of the motor. We reconnected the pump and decided to balance starting the following day. We are only able to start the motor twice per hour.



9. Service Technician Recommendations
Balance unit

Approval Signatures

- | | |
|----------------------------------|-------------|
| 10. Service Technician Signature | Trevor Hall |
|----------------------------------|-------------|

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11. Customer Signature

John Mehlin

