



**QualiTest® Diagnostics**

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Hank Bass  
Coca-Cola  
West Memphis, AR

The following is a summary of findings from the August 2019 monthly vibration survey at your facility. Please let us know if there are any questions or comments.

**QualiTest®** uses a four step rating system for defects.

**Class I:** Defect is present, but effect on reliability is not clear; no immediate action is required. Continue to normally monitor.

**Class II:** Defect (s) present that may cause problem in long term (2-6 months). Repair during normal maintenance scheduling. Continue to monitor.

**Class III:** Defect (s) present that may cause failure in short term (less than 2 months). This should be addressed as soon as practical, with a high maintenance priority. Increase monitoring frequency.

**Class IV:** Defect (s) present that makes continued reliability unpredictable, and possibility of secondary damage is high. Repairs should be made ASAP. An unscheduled shutdown should be considered for repairs

**Hi-Speed Industrial Service** tests and inspects industrial machinery and equipment and makes recommendations concerning maintenance and repairs based on its experience in the field of industrial repair and maintenance. The information contained herein is provided as an opinion only, not as a guaranty or warranty of the matters discussed herein.

## Defects

### C-1 Ammonia Compressor

Vibration data continues to indicate defects within the drive end MOTOR bearing. Motor bearings may need replacing in the near future. Rated as a **CLASS III** defect.

### C-2 Ammonia Compressor

Motor vibration remains higher than normal. The motor was recently replaced. Ensure all fasteners are tight. Ensure sheaves have a good offset and angular alignment and inspect motor base for looseness and cracks. Rated as a **CLASS III** defect.

### C-6 Ammonia Compressor

The motor appears to have an electrical vibration that may be caused by signs of electrical faults in the motor. We will monitor this issue closely. Rated as a **CLASS I** defect for now.

### Filler 2 Motor

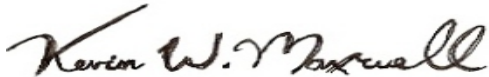
Vibration data indicates defects within motor bearings. Possible electrical fluting may be occurring in the bearings. We will continue to monitor this closely. Rated as a **CLASS II** defect for now.

### RO T & T Pump 1

Pump vibration is lower this survey. This unit has a fluctuating vibration that comes and goes. This could be due to resonance or a change in flow from the process. We will monitor continue to monitor this closely. For now, ensure pump is operating within its normal flow parameters. Rated as a **CLASS I** defect.

As always, it has been a pleasure to serve Coca-Cola West Memphis. If there are any comments or questions, do not hesitate to contact us.

Sincerely,



ISO Certified Vibration Analyst, Category III



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