

7030 Ryburn Dr. Millington, TN

Phone: (901) 873-5300

Fax: (901) 873-5301

www.gohispeed.com

October 21, 2024

South Shelby RNG Memphis, TN

The following is a summary of findings from the monthly vibration survey that was performed on October 15, 2024.

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

<u>Class I:</u> 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.

C-551A Vacuum Compressor A

Compressor remains higher than normal under load. Harmonics of 4 x rpm can be seen. Compressor also seems noisier than usual. Data indicates some internal wear of the compressor may be present. Monitoring this closely. Rated as a **CLASS II** defect.

C-0600 A Feed Gas Compressor

Compressor data is shows some high 1 x input rpm vibration especially in the vertical direction. Check compressor fasteners and ensure compressor does have a soft foot. Ensure compressor adapter blocks aren't bowed and are flush with the main base. Rated as a **CLASS II** defect.

C-0600 B Feed Gas Compressor

There is some 4 x rpm (lobe pass) and harmonics of 4 x in the compressor spectra. We will continue to monitor this closely. Rated as a **CLASS I** defect.

BLR-0200 A, Blower MOTOR

Motor data is showing an increase in non-synchronous vibration, noise floor, and 1-20 kHz. amplitude. There are all indications of bearing issues in the motor. This could be a lube issue, but is more likely to be caused by defective motor bearings. Motor should be inspected soon. Rated as a **CLASS II** defect.

C-1300 Sales Gas Compressor Stage 1

Compressor drive end data still shows some high frequency vibration that may be related to gear mesh frequency of the internal mating gears. Amplitude is slightly lower this survey, but these peaks are still present. We need more internal information such as gear ratio and number of gear teeth to confirm issue. Rated as a **CLASS I** defect for now.

Database:	South	Shelby	RNG.rbm
Area:	SOUTH	SHELBY	PLANT

MEASUREMENT	POINT	OVERALL LEVEL	HFD / VHFD
C-551B	- C-551B	VACUUM COMPRESSOR B	(15-Oct-24)
		OVERALL LEVEL	1K-20KHz
MOH		.074 In/Sec	.869 G-s
MOV		.052 In/Sec	.297 G-s
MIH		.116 In/Sec	2.021 G-s
MIV		.089 In/Sec	.497 G-s
MIA		.080 In/Sec	.479 G-s
CIA		.159 In/Sec	.737 G-s
CIH		.146 In/Sec	2.330 G-s
CIV		.189 In/Sec	.800 G-s
COH		.186 In/Sec	4.977 G-s
COV		.147 In/Sec	.856 G-s
COA		.122 In/Sec	1.460 G-s
C-551A	- C-551A	VACUUM COMPRESSOR A	(15-Oct-24)
		OVERALL LEVEL	1K-20KHz
MOH		.063 In/Sec	2.225 G-s
MOV		.070 In/Sec	.365 G-s
MIH		.106 In/Sec	.973 G-s
MIV		.070 In/Sec	.431 G-s
MIA		.058 In/Sec	.366 G-s
CIA		.299 In/Sec	.617 G-s
CIH		.242 In/Sec	2.680 G-s
CIV		.378 In/Sec	.861 G-s
COH		.290 In/Sec	6.165 G-s
COV		.347 In/Sec	1.557 G-s
COA		.204 In/Sec	1.281 G-s
C-601B	- C-601B	N2 RECYCLE COMP B	(15-Oct-24)
		OVERALL LEVEL	1K-20KHz
MOH		.088 In/Sec	.541 G-s
MOV		.024 In/Sec	.249 G-s
MIH		.090 In/Sec	.697 G-s
MIV		.047 In/Sec	.286 G-s
MIA		.047 In/Sec	.166 G-s
CIA		.100 In/Sec	.690 G-s
CIH		.120 In/Sec	2.059 G-s
CIV		.140 In/Sec	.439 G-s
COH		.113 In/Sec	2.687 G-s
COV		.122 In/Sec	.576 G-s
COA		.092 In/Sec	.822 G-s
C-601A	- C-601A	N2 RECYCLE COMP A	(15-Oct-24)
		OVERALL LEVEL	1K-20KHz
MOH		.036 In/Sec	.501 G-s
MOV		.024 In/Sec	.245 G-s
MIH		.076 In/Sec	.898 G-s
MIV		.043 In/Sec	.217 G-s
MIA		.036 In/Sec	.161 G-s
CIA		.137 In/Sec	.592 G-s
CIH		.088 In/Sec	1.525 G-s
CIV		.171 In/Sec	.295 G-s
COH		.109 In/Sec	1.751 G-s
COV		.123 In/Sec	.598 G-s
COA		.116 In/Sec	.736 G-s
a 0.0007	0.0000		
C-0600A	- C-06002	A FEED GAS COMP A	(15-Oct-24)
		OVERALL LEVEL	IK-20KHz
MOH		.092 In/Sec	.431 G-S
MOV		.054 In/Sec	.139 G-S

MIH	.096 In/Sec	.380 G-s
MIV	.081 In/Sec	.057 G-s
МТА	.045 In/Sec	.141 G-s
CTA	326 Tp/Soc	501 C-s
	.520 III/Sec	.501 G-S
CIH	.315 In/Sec	1.//9 G-s
CIV	.572 In/Sec	.454 G-s
COH	.250 In/Sec	2.216 G-s
COV	.417 In/Sec	.460 G-s
00	263 Tn/Sec	769 6-8
COA	.205 117 560	.765 6 3
~ ~ ~ ~ ~ ~		
C-0600B	- C-0600B FEED GAS COMP B	(15-0ct-24)
	OVERALL LEVEL	1K-20KHz
MOH	.145 In/Sec	.571 G-s
MOV	082 In/Sec	105 G-s
мтш	160 Tp/Sec	557 C-2
MIH	.100 11/560	.557 G-S
MIV	.082 In/Sec	.189 G-s
MIA	.052 In/Sec	.343 G-s
CIA	.303 In/Sec	.633 G-s
CIH	442 In/Sec	2.429 G-s
CTV	629 Tp/Soc	581 C-s
CIV	.029 11/560	.381 G-S
СОН	.455 In/Sec	2.298 G-s
COV	.716 In/Sec	.462 G-s
COA	.272 In/Sec	.965 G-s
BT D_0200A	- RID-0200A IEC RIOWED A	(15 - 0a + -24)
BLR-0200A	- BLR-0200A LFG BLOWER A	(15-081-24)
	OVERALL LEVEL	1K-20KHz
MOH	.121 In/Sec	1.963 G-s
MOV	.050 In/Sec	.440 G-s
мтн	131 In/Sec	2 960 G-s
MT37	197 Tp/Sec	457 C-2
MIV		.457 G-S
MIA	.164 In/Sec	.816 G-s
BIA	.052 In/Sec	.312 G-s
BIH	.114 In/Sec	1.792 G-s
BTV	374 In/Sec	304 G-s
517	.5/4 11/500	.504 0 5
17/11		1 501 0 -
ВОН	.082 In/Sec	1.521 G-s
BOH	.082 In/Sec .294 In/Sec	1.521 G-s .399 G-s
BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec	1.521 G-s .399 G-s .365 G-s
BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec	1.521 G-s .399 G-s .365 G-s
BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec	1.521 G-s .399 G-s .365 G-s
BOH BOV BOA BLR-0200C	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C	1.521 G-s .399 G-s .365 G-s (15-Oct-24)
BOH BOV BOA BLR-0200C	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz
BOH BOV BOA BLR-0200C MOH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s
BOH BOV BOA BLR-0200C MOH MOV	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s 180 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .090 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s 269 C-c
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .080 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s
BLR-0200C MOH MOV MIH MIV MIA BIA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .080 In/Sec .153 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIA BIH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .080 In/Sec .153 In/Sec .395 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .080 In/Sec .153 In/Sec .395 In/Sec .279 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .153 In/Sec .395 In/Sec .279 In/Sec .329 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIH BIV BOH BOH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .153 In/Sec .395 In/Sec .329 In/Sec .302 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1 899 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .153 In/Sec .395 In/Sec .329 In/Sec .302 In/Sec .102 Tn/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .153 In/Sec .395 In/Sec .329 In/Sec .302 In/Sec .193 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIA BIA BIH BIV BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .080 In/Sec .153 In/Sec .395 In/Sec .329 In/Sec .302 In/Sec .193 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .080 In/Sec .153 In/Sec .395 In/Sec .329 In/Sec .302 In/Sec .193 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24)
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIA BIA BIH BOH BOV BOA BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .153 In/Sec .153 In/Sec .395 In/Sec .329 In/Sec .302 In/Sec .302 In/Sec - BLR-0200D LFG BLOWER D OVERALL LEVEL	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz 866 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D MOH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .080 In/Sec .153 In/Sec .395 In/Sec .329 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s 225 G-s
BUR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .153 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .086 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s
BUR-0200C BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .153 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec - BLR-0200D LFG BLOWER D OVERALL LEVEL .110 In/Sec .086 In/Sec .119 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .080 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .086 In/Sec .119 In/Sec .148 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH BIA BIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .110 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .075 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s 2.276 G-s 2.276 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH BIA BIA BIA BIA BIA BIA BIA BIA BIA BIA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .103 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D MOH MOV MIH MIV MIA BIA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .075 In/Sec .204 Te/Ca	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s
BUR-0200C BLR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D MOH MOV MIH MIV MIA BIA BIA BIA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .153 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .086 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH MIV BIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .194 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .265 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s
BUR-0200C MOH MOV MIH MIV MIA BIA BIH BOV BOA BLR-0200D MOH MOV MIH MIV BOH BUV BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .110 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .265 In/Sec .271 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH BIA BIA BIA BIA BOH BOV BOA BLR-0200D MOH MOV MIH MIV MIA BIA BIA BIA BIA BIA BIA BIA BIA BIA B	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .103 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .271 In/Sec .271 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s 2.427 G-s
BOH BOV BOA BLR-0200C MOH MOV MIH BIA BIA BIH BIV BOH BOV BOA BLR-0200D MOH MOV MIH MIV MIA BIA BIH BIV BOH BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .271 In/Sec .271 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s 2.427 G-s 1 961 C-2
BUR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D MOH MOV MIH MIV BOH BOV BOA	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .271 In/Sec .271 In/Sec .272 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s 2.427 G-s 1.961 G-s
BUR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D MOH MOV MIH MIV MIA BIA BIA BIA BIA BIA BIA BIA BIA	. 082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .271 In/Sec .271 In/Sec .272 In/Sec .151 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s 2.427 G-s 1.961 G-s
BUR-0200C MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D BLR-0200D BLR-0200D BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .153 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .271 In/Sec .271 In/Sec .272 In/Sec .151 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s 2.427 G-s 1.961 G-s (15-Oct-24)
BOH BOV BOA BLR-0200C MOH MOV MIH BIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D BLR-0200D BLR-0200D BLR-0200D	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .241 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .241 In/Sec .242 In/Sec .242 In/Sec .241 In/Sec .242 In/Sec .241 In/Sec .242 In/Sec .241 In/Sec .242 In/Sec .242 In/Sec .241 In/Sec .242 In/Sec .242 In/Sec .241 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .244 In/Sec .245 In/Sec .245 In/Sec .245 In/Sec .245 In/Sec .245 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 2.211 G-s 2.211 G-s 2.211 G-s 12.80 G-s 2.493 G-s 1.961 G-s (15-Oct-24) 1K-20KHz
BUR-0200C BLR-0200C MOH MOV MIH BIA BIA BIA BOH BOV BOA BLR-0200D BLR-0200D BLR-0200D C-1300 MOH	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .103 In/Sec .174 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .242 In/Sec .242 In/Sec .271 In/Sec .271 In/Sec .271 In/Sec .151 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) 1K-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) 1K-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s 1.961 G-s (15-Oct-24) 1K-20KHz .452 G-s
BUR-0200C BUR-0200C MOH MOV MIH BIA BIA BIH BOH BOV BOA BUR-0200D BUR-0200D BUR-0200D BUR-0200D C-1300	.082 In/Sec .294 In/Sec .099 In/Sec - BLR-0200C LFG BLOWER C OVERALL LEVEL .112 In/Sec .103 In/Sec .173 In/Sec .174 In/Sec .174 In/Sec .174 In/Sec .175 In/Sec .395 In/Sec .395 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .302 In/Sec .193 In/Sec .193 In/Sec .193 In/Sec .110 In/Sec .119 In/Sec .148 In/Sec .154 In/Sec .242 In/Sec .271 In/Sec .271 In/Sec .151 In/Sec .151 In/Sec .173 In/Sec .170 In/Sec	1.521 G-s .399 G-s .365 G-s (15-Oct-24) IK-20KHz .942 G-s .202 G-s 1.091 G-s .180 G-s .269 G-s 2.276 G-s 10.58 G-s 2.020 G-s 7.644 G-s 1.899 G-s 1.951 G-s (15-Oct-24) IK-20KHz .866 G-s .335 G-s 1.578 G-s .209 G-s .315 G-s 2.211 G-s 12.80 G-s 2.493 G-s 12.82 G-s 2.427 G-s 1.961 G-s (15-Oct-24) IK-20KHz .452 G-s .131 G-s

MIH		.063	In/Sec	.464	G-s	
MIV		.251	In/Sec	.119	G-s	
MIA		.176	In/Sec	.113	G-s	
CIA		.247	In/Sec	.704	G-s	
CIH		.266	In/Sec	5.762	G-s	
CIV		.274	In/Sec	1.122	G-s	
СОН		.197	In/Sec	1.734	G-s	
COV		.261	In/Sec	.871	G-s	
COA		.192	In/Sec	. 976	G-s	
C-1304 -	C-1304 SALES	GAS COMP S	STG 2	(15-Oct-24)		
		OVERAI	LL LEVEL	1K-20H	Hz	
MOH		.097	In/Sec	2.230	G-s	
MOV		.060	In/Sec	.762	G-s	
MIH		.100	In/Sec	2.158	G-s	
MIV		.087	In/Sec	1.028	G-s	
MIA		.088	In/Sec	.400	G-s	
CIA		.070	In/Sec	.136	G-s	
CIH		.091	In/Sec	.485	G-s	
CIV		.079	In/Sec	.069	G-s	
СОН		.203	In/Sec	.478	G-s	
COV		.142	In/Sec	.107	G-s	
COA		.125	In/Sec	.156	G-s	
1SH		.118	In/Sec	.580	G-s	
1SV		.110	In/Sec	.139	G-s	
1SA		.133	In/Sec	.182	G-s	
2SH		.228	In/Sec	.591	G-s	
2SV		.245	In/Sec	.202	G-s	
2SA		.177	In/Sec	.300	G-s	
		·				
Clarification C	r vibration (nits:				
Acc>	G-S RM	15				
ver>	• in/Sec PF					

As always, it has been a pleasure to serve South Shelby RNG. If there are any comments or questions, do not hesitate to contact us.

Sincerely,

Kevin W. Maxuell

ISO Certified Vibration Analyst, Category III



Cell: 901-486-4565 Email: <u>kwilliam@gohispeed.com</u>