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April 15, 2025

South Shelby RNG Memphis, TN

The following is a summary of findings from the April 2025 monthly vibration survey that was performed on April 14<sup>th</sup>, 2025.

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 amplitudes are trending higher than normal when compressor is under load. Harmonics of 4 x rpm can be seen. Data indicates some internal wear of the compressor may be present. We remain to monitor 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 not have a soft foot or piping strain. Rated as a **CLASS I** defect.

#### C-0600 C Feed Gas Compressor

Compressor data still shows an extreme amount of 1 x input rpm (drive side rotor 1800 rpm) vibration in the compressor. Overall amplitude is lower than last month, but still well above 1 ips-pk overall. The compressor shaft could have excessive deflection due to bent shaft or excessive shaft movement. Imbalance of the compressor rotor could also be suspect of the high 1 x rpm vibration. The 1 x rpm vibration could be caused by some type of piping strain or compressor soft foot. Because of the high amplitude it is recommended to inspect the compressor for these issues asap. Also check compressor fasteners asap as this high vibration could loosen the foot bolts. Rated as a **CLASS IV** defect.

# BLR-0200 A, LFG Blower MOTOR

Motor data is showing 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 as scheduling allows. Rated as a **CLASS II** defect.

#### BLR-0200 C and D LFG BLOWERS

Blower data indicates possible internal wear of the blowers. A and B have much less acceleration amplitudes and much less noise floor in spectral data. C and D have high acceleration amplitudes and high noise floor in spectra. Blowers may need attention in the next few months. Monitoring this closely. Rated as a **CLASS II** defect.

# C-1300 Sales Gas Compressor Stage 1

Compressor drive end data shows some high frequency vibration peaks in the spectra 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 would need more internal information such as gear ratio and number of gear teeth to confirm issue. Rated as a **CLASS I** defect for now.

# Abbreviated Last Measurement Summary

	Database: Area:	South Shelby RNG.rbm SOUTH SHELBY PLANT	
MEASUREM	ENT POINT	OVERALL LEVEL	HFD / VHFD
C-551B	- C-551B	VACUUM COMPRESSOR B (14 OVERALL LEVEL	Apr-25) 1K-20KHz
м	ЮН	.074 In/Sec	1.759 G-s
м	IOV	.054 In/Sec	.532 G-s
м	IIH	.115 In/Sec	2.005 G-s
м	IV	.103 In/Sec	.497 G-s
м	IIA	.081 In/Sec	.410 G-s
C	IA	.374 In/Sec	.562 G-s
C	IH	.148 In/Sec	2.130 G-s
C	IV	.278 In/Sec	.483 G-s
C	OH	.235 In/Sec	3.946 G-s
C	:ov	.186 In/Sec	1.184 G-s
c	OA	.202 In/Sec	1.219 G-s
C-551A	- C-551A	VACUUM COMPRESSOR A (14-	Apr-25)
		OVERALL LEVEL	1K-20KHz
м	ЮH	.088 In/Sec	1.879 G-s
м	IOV	.107 In/Sec	.252 G-s
м	IIH	.104 In/Sec	1.468 G-s
м	IV	.087 In/Sec	.280 G-s
м	IIA	.078 In/Sec	.406 G-s
C	IA	.260 In/Sec	.589 G-s
C	IH	.246 In/Sec	2.466 G-s
C	IV	.343 In/Sec	.771 G-s
C	OH	.292 In/Sec	5.271 G-s
C	vo	.312 In/Sec	.813 G-s
C	:OA	.242 In/Sec	.994 G-s
C-601B	- C-601B	N2 RECYCLE COMP B (14-	Apr-25)
		OVERALL LEVEL	1K-20KHz
м	ЮН	.120 In/Sec	.726 G-s
м	IOV	.048 In/Sec	.235 G-s
M	IIH	.081 In/Sec	.828 G-s
M	IIV	.064 In/Sec	.232 G-s
M	IIA	.035 In/Sec	.180 G-s
C	IA	.087 In/Sec	.645 G-s
C	IH	.128 In/Sec	2.903 G-s
C	IV.	.093 In/Sec	.419 G-s
C	COH	.305 In/Sec	2.100 G-s
0	:0V	.138 In/Sec	.856 G-S
C	JOA	.209 IN/Sec	.995 G-8
C-601A	- C-601A	N2 RECYCLE COMP A (14 OVERALL LEVEL	Apr-25) 1K-20KHz
м	ЮН	.040 In/Sec	.596 G-s
м	IOV	.026 In/Sec	.406 G-s
м	ІІН	.098 In/Sec	1.151 G-s
м	IIV	.035 In/Sec	.311 G-s
м	IIA	.033 In/Sec	.315 G-s
C	IA	.081 In/Sec	.783 G-s
C	IH	.072 In/Sec	2.167 G-s
C	IV	.156 In/Sec	.277 G-s
C	ЮН	.083 In/Sec	1.109 G-s
C	vov	.100 In/Sec	.393 G-s
C	:OA	.095 In/Sec	.337 G-s
C-0600A	- C-06002	A FEED GAS COMP A (14-	Apr-25)
		OVERALL LEVEL	1K-20KHz
М	ЮН	.163 In/Sec	.458 G-s
м	IOV	.124 In/Sec	.230 G-s

MIV		.089 In/Sec	.069 G-s
MIA		.089 In/Sec	.080 G-s
CIA		.149 In/Sec	.399 G-s
CIH		.392 In/Sec	1.880 G-s
CIV		.516 In/Sec	.500 G-s
COH		.246 In/Sec	1.425 G-s
COV		467 In/Sec	464 G-s
CO3		178 Tr/Soc	904 C-s
COA		.1/8 11/360	.904 G-S
C-0600B	- C-0600B EFFD CAS	COMP B (14	-3nn-25
C 0000B	C OUCOD FALL GAS	OVERALL LEVEL	1r_20ru-
MOH		070 TR/See	112 C c
MOH		.070 In/Sec	.413 G-S
MOV		.121 In/Sec	.239 G-s
MIH		.050 In/Sec	.602 G-s
MIV		.069 In/Sec	.303 G-s
MIA		.051 In/Sec	.213 G-s
CIA		.469 In/Sec	.724 G-s
CIH		.329 In/Sec	3.919 G-s
CIV		.553 In/Sec	.799 G-s
COH		.334 In/Sec	3.286 G-s
COV		446 Tn/Sec	654 G-s
COA		248 Tn/Sec	938 G-s
COA		.240 117 560	
C-0600C	- C-0600C FFFD GAS	COMP C (14	$-\Delta nr - 25)$
C-0000C	- C-0000C FEED GAS	OVERALL LEVEL	-Apr-25/ 1r-20ru-
		ALE TH (SHE	IK-ZOKHZ
MOH		.415 In/Sec	.263 G-S
MOV		.278 In/Sec	.209 G-s
MIH		.459 In/Sec	.398 G-s
MIV		.218 In/Sec	.149 G-s
MIA		.108 In/Sec	.161 G-s
CIA		.475 In/Sec	1.338 G-s
CIH		1.509 In/Sec	5.987 G-s
CIV		1.128 In/Sec	.609 G-s
COH		1.139 In/Sec	3.381 G-s
		•	
COV		1.151 In/Sec	.726 G-s
COV		1.151 In/Sec 442 In/Sec	.726 G-s 878 G-s
COV COA		1.151 In/Sec .442 In/Sec	.726 G-s .878 G-s
COV COA	- BLR-02003 LEC BL	1.151 In/Sec .442 In/Sec	.726 G-s .878 G-s
COV COA BLR-0200A	- BLR-0200A LFG BLC	1.151 In/Sec .442 In/Sec OWER A (14	.726 G-s .878 G-s -Apr-25) 1K-20KHz
COV COA BLR-0200A	- BLR-0200A LFG BLC	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL	.726 G-s .878 G-s -Apr-25) 1K-20KHz 2 456 C-s
COV COA BLR-0200A MOH	- BLR-0200A LFG BLC	1.151 In/Sec .442 In/Sec DWER A (14 OVERALL LEVEL .100 In/Sec	.726 G-s .878 G-s -Apr-25) 1K-20KHz 2.456 G-s
COV COA BLR-0200A MOH MOV	- BLR-0200A LFG BLC	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec	.726 G-s .878 G-s -Apr-25) 1K-20KHz 2.456 G-s .383 G-s
COV COA BLR-0200A MOH MOV MIH	- BLR-0200A LFG BLC	1.151 In/Sec .442 In/Sec DWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec	.726 G-s .878 G-s -Apr-25) 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s
COV COA BLR-0200A MOH MOV MIH MIV	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .158 In/Sec	.726 G-s .878 G-s -Apr-25) 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .158 In/Sec .128 In/Sec	.726 G-s .878 G-s -Apr-25) 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .158 In/Sec .128 In/Sec .211 In/Sec	.726 G-s .878 G-s -Apr-25) 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .158 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH BIV	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .158 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .138 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .205 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec WER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .205 In/Sec .327 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .205 In/Sec .327 In/Sec .118 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .327 In/Sec .118 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .806 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA BLR-0200B	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .109 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .205 In/Sec .327 In/Sec .118 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA BLR-0200B	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .000 In/Sec .100 In/Sec .100 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .806 G-s .806 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .000 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .806 G-s .806 G-s -Apr-25) 1K-20KHz 2 468 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .000 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec .118 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s 1K-20KHz 2.468 G-s .222 C-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .144 OVERALL LEVEL .100 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .513 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec .118 In/Sec .119 In/Sec .139 In/Sec .225 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s -Apr-25) 1K-20KHz 2.468 G-s .322 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .144 OVERALL LEVEL .100 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .513 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec .119 In/Sec .139 In/Sec .233 In/Sec .205 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s -Apr-25) 1K-20KHz 2.468 G-s .322 G-s 3.886 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B BLR-0200B	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .109 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec .118 In/Sec .139 In/Sec .233 In/Sec .109 In/Sec .109 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH MIV	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .213 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .233 In/Sec .109 In/Sec .109 In/Sec	.726 G-s .878 G-s .878 G-s 1K-20KHz 2.456 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .717 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BIA	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .155 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .717 G-s .524 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BUV BOH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIA	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .205 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .548 G-s .548 G-s .548 G-s .548 G-s .548 G-s .548 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIA BIH BIV	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .211 In/Sec .647 In/Sec .205 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .233 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec .566 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .546 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIA BIA BIA BIA BIA	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec OWER A (14 OVERALL LEVEL .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .205 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec .227 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .548 G-s .548 G-s .548 G-s .546 G-s .548 G-s .546 G-s .546 G-s .548 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .100 In/Sec .109 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .213 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec .566 In/Sec .227 In/Sec .575 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .548 G-s .548 G-s .548 G-s .524 G-s 2.649 G-s .463 G-s 2.188 G-s .428 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BLR-0200B	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .205 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec .566 In/Sec .227 In/Sec .575 In/Sec .160 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .548 G-s .548 G-s .548 G-s .548 G-s .524 G-s 2.649 G-s .463 G-s 2.188 G-s .428 G-s .881 G-s
COV COA BLR-0200A MOH MOV MIH MIV BIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BLR-0200B	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .205 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .327 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .109 In/Sec .155 In/Sec .155 In/Sec .234 In/Sec .234 In/Sec .575 In/Sec .160 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .806 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .524 G-s .463 G-s 2.649 G-s .428 G-s .881 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BLR-0200B BLR-0200D	- BLR-0200A LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .327 In/Sec .139 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .155 In/Sec .155 In/Sec .234 In/Sec .575 In/Sec .575 In/Sec .160 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .524 G-s .463 G-s 2.649 G-s .463 G-s 2.188 G-s .881 G-s .881 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOV BOA BLR-0200D	<ul> <li>BLR-0200A LFG BLG</li> <li>BLR-0200B LFG BLG</li> <li>BLR-0200D LFG BLG</li> </ul>	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .100 In/Sec .099 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .205 In/Sec .327 In/Sec .327 In/Sec .327 In/Sec .139 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .109 In/Sec .155 In/Sec .234 In/Sec .234 In/Sec .234 In/Sec .2575 In/Sec .160 In/Sec .160 In/Sec .160 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .524 G-s 2.649 G-s .463 G-s 2.188 G-s .428 G-s .881 G-s .881 G-s .881 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MIH MIV MIA BIA BIA BIH BIV BOH BOH BON BIA BIA BIH BIV BOH BOH BOH BOH BOH BOH BOH BOH BOH BOH	- BLR-0200A LFG BLC	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .099 In/Sec .100 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .211 In/Sec .647 In/Sec .327 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec .234 In/Sec .234 In/Sec .575 In/Sec .275 In/Sec .160 In/Sec .109 In/Sec .160 In/Sec .275 In/Sec .160 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .548 G-s .548 G-s .548 G-s .524 G-s .463 G-s .881 G-s .881 G-s .881 G-s .881 G-s .863 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA BLR-0200D BLR-0200D	- BLR-0200A LFG BLG - BLR-0200B LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .099 In/Sec .100 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .327 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec .575 In/Sec .575 In/Sec .160 In/Sec .270 In/Sec .160 In/Sec .271 In/Sec .160 In/Sec .275 In/Sec .103 In/Sec .088 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .322 G-s 3.886 G-s .548 G-s .548 G-s .524 G-s .463 G-s .428 G-s .881 G-s .881 G-s .881 G-s .881 G-s .517 G-s
COV COA BLR-0200A MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200B MOH MOV MIH BIN BIA BIA BIA BIA BIA BIA BIA BIA BIA BIA	- BLR-0200A LFG BLG - BLR-0200B LFG BLG	1.151 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .442 In/Sec .099 In/Sec .100 In/Sec .135 In/Sec .135 In/Sec .128 In/Sec .128 In/Sec .211 In/Sec .647 In/Sec .513 In/Sec .327 In/Sec .327 In/Sec .327 In/Sec .118 In/Sec .139 In/Sec .139 In/Sec .109 In/Sec .166 In/Sec .234 In/Sec .575 In/Sec .575 In/Sec .160 In/Sec .103 In/Sec .088 In/Sec .121 In/Sec	.726 G-s .878 G-s .878 G-s .878 G-s .383 G-s 3.394 G-s 1.137 G-s .699 G-s .750 G-s 4.317 G-s .706 G-s 3.613 G-s .656 G-s .806 G-s .806 G-s .806 G-s .806 G-s .322 G-s 3.886 G-s .322 G-s 3.886 G-s .548 G-s .548 G-s .548 G-s .548 G-s .548 G-s .463 G-s .463 G-s .881 G-s .881 G-s .881 G-s .881 G-s .517 G-s .517 G-s 2.413 G-s

MIV			.235	In/Sec	.396	G-s
MIA			.096	In/Sec	.712	G-s
BIA			.230	In/Sec	2.911	G-s
BIH			.634	In/Sec	18.36	G-s
BIV			.448	In/Sec	2.784	G-s
BOH			.456	In/Sec	19.81	G-s
BOV			.412	In/Sec	2.549	G-s
BOA			.256	In/Sec	3.436	G-s
C-1300 -	C-1300 SAI	LES GAS C	OMP S	STG 1	(14-Apr-25)	)
		0	VERAI	LL LEVEI	1K-201	KHz
МОН			.068	In/Sec	.451	G-s
MOV			.175	In/Sec	.071	G-s
MIH			.074	In/Sec	. 342	G-s
MIV			.291	In/Sec	.259	G-s
MIA			.146	In/Sec	.109	G-s
CIA			.234	In/Sec	.496	G-s
CIH			.185	In/Sec	3.737	G-s
CIV			.326	In/Sec	.363	G-s
COH			.212	In/Sec	3.367	G-s
COV			.271	In/Sec	.417	G-s
COA			.203	In/Sec	1.141	G-s
C-1304 -	C-1304 SAI	LES GAS C	OMP S	STG 2	(14-Apr-25)	)
		0	VERAI	LL LEVEI	1K-201	KHz
MOH		-	.128	In/Sec	. 925	G-s
MOV			.087	In/Sec	.509	G-s
MIH			.121	In/Sec	.899	G-s
MIV			.066	In/Sec	.470	G-s
MIA			.068	In/Sec	.236	G-s
CIA			.148	In/Sec	.173	G-s
CIH			.167	In/Sec	. 497	G-s
CIV			.119	In/Sec	.233	G-s
СОН			.158	In/Sec	.267	G-s
COV			.185	In/Sec	.099	G-s
COA			.116	In/Sec	.108	G-s
1SH			.216	In/Sec	.610	G-s
1SV			.208	In/Sec	.151	G-s
1SA			.255	In/Sec	.141	G-s
2SH			.193	In/Sec	. 524	G-s
2SV			.249	In/Sec	.196	G-s
2SA			.211	In/Sec	.212	G-s
Clarification 0	f Vibration					
	- C-e	RMS				
Vol>	Tn/Sec	DK				
ver/	TIL SEC	EIV				

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. Maguell

ISO Certified Vibration Analyst, Category III



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