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August 31, 2022

South Shelby RNG Memphis, TN

The following is a summary of findings from the August 2022 monthly vibration survey that was performed on August 31, 2022.

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.

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,

even W. Morruell

ISO Certified Vibration Analyst, Category III



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Defects

C-0600 A Feed Gas Compressor

Higher than average 1 x rpm vibration is still present in the compressor section. This may be due to soft foot or some other issue such as piping strain. Compressor piping was noticed to have some high vibration this survey. For now, ensure all fasteners are tight and ensure shims under compressor feet are not loose. Perform a hot alignment check as well. Ensure piping does not have strain. Rated as a **CLASS II** defect.

C-0600 B Feed Gas Compressor

Compressor vertical data is still showing some dominant 4-x male rotor rpm vibration. Internal clearance issue or some other process or loading issue may be causing the 4-x rpm vibration and harmonics of 4 x that also seen in the compressor data. We will continue to monitor closely. Rated as a **CLASS I** defect.

C-0600 C Feed Gas Compressor

Motor has had an increase in 1 x rpm vibration. Compressor continues to have high vibrations that are related to 4 x the speed of the male rotor. For now, we recommend performing a hot alignment on the unit. Ensure motor does not have soft foot condition. We will continue to monitor these issues closely. Rated as a **CLASS I** defect for now.

BLR-0200 A, B, C, and D LFG Blowers

These blowers still have high amplitudes of acceleration (high frequency vibrations). Blower outboard axials are typically the highest amplitudes and may be process load related. Multiple harmonics at what appears to be 8 x blower rpm are present and is dominant in blower data. Amplitudes are as high as 60 g's peak to peak which is very high; however, this is likely a characteristic of this blowers' sliding vanes. We will continue to monitor closely. Rated as **CLASS I** defects for now.

BLR-0200 D LFG Blower

Unit was down but the following still applies: Motor data shows signs of bearing defects in the DE motor bearing. Amplitudes have increased to alarm levels. Motor should be replaced soon. Rated as a **CLASS III** defect.

C-1300 Sales Gas Compressor Stage 2

Overall vibration continues to be lower than past data shows. In the past there has been an up and down vibration that was likely due to a natural frequency coinciding with a forcing frequency from the compressor causing resonance. For now, we still recommend on performing some other vibration testing with the VFD in local control so we can determine what frequencies may be causing the higher vibrations. Rated as a **CLASS I** defect for now.

Abbreviated Last Measuren ***	ment Summary *******************************	****
Area:	South Shelby RNG.rbm SOUTH SHELBY PLANT ce: 31-Aug-22 16:16	
MEASUREMENT POINT	OVERALL LEVEL	HFD / VHFD
C-551B - C-551E MOH MOV MIH MIV	OVERALL LEVEL .090 In/Sec .084 In/Sec .102 In/Sec	(31-Aug-22) 1K-20KHz 1.285 G-s 1.078 G-s 1.530 G-s 1.094 G-s

MIA		.083	In/Sec	.814 G-s
CIA		.176	In/Sec	1.877 G-s
CIH			In/Sec	3.688 G-s
CIV			In/Sec	1.609 G-s
COH			In/Sec	6.006 G-s
COV				2.440 G-s 2.076 G-s
COA		.202	In/Sec	2.076 G-S
C-551A	- C-551A VACUUM CO	MPRESS	DRA (31-Aug-22)
		OVERA	LL LEVEL	1K-20KHz
MOH		.062	In/Sec	1.542 G-s
MOV			In/Sec	1.039 G-s
MIH			In/Sec	.728 G-s
MIV			In/Sec In/Sec	.704 G-s
MIA CIA			In/Sec In/Sec	.607 G-s 2.506 G-s
CIH			In/Sec	3.840 G-s
CIV			In/Sec	2.648 G-s
COH			In/Sec	
COV		.232	In/Sec	
COA		.260	In/Sec	2.632 G-s
0.6015	C COLD NO DECNOT		D (*	21 7
C-601B	- C-601B N2 RECYCL		B (. LL LEVEL	31-Aug-22) 1K-20KHz
MOH			In/Sec	.582 G-s
MOV			In/Sec	.249 G-s
MIH			In/Sec	.754 G-s
MIV			In/Sec	.209 G-s
MIA			In/Sec	.192 G-s
CIA			In/Sec	1.820 G-s
CIH			In/Sec	1.712 G-s
CIV COH			In/Sec In/Sec	1.247 G-s 2.505 G-s
CON			In/Sec	1.433 G-s
COA			In/Sec	1.244 G-s
COL	•			
			·	
	- C-601A N2 RECYCL	E COMP	A (:	31-Aug-22)
C-601A	- C-601A N2 RECYCL	E COMP OVERAI	A (1 LL LEVEL	31-Aug-22) 1K-20KHz
C-601A MOH	- C-601A N2 RECYCL	E COMP OVERAI .052	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s
C-601A	- C-601A N2 RECYCL	E COMP OVERAI .052 .031	A (1 LL LEVEL	31-Aug-22) 1K-20KHz
C-601A MOH MOV	- C-601A N2 RECYCL	E COMP OVERA .052 .031 .099	A (LL LEVEL In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s
C-601A MOH MOV MIH	- C-601A N2 RECYCL	E COMP OVERAL .052 .031 .099 .036	A (1 LL LEVEL In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s
C-601A MOH MOV MIH MIV MIA CIA	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106	A (LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH CIV	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH CIV COH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA CIH CIV COH COV	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH CIV COH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA CIH CIV COH COV	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec A (1)	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22)
C-601A MOH MOV MIH MIV MIA CIA CIA CIA CIA COH COV COA	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .00P J OVERAJ	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec A (1 LL LEVEL	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz
C-601A MOH MOV MIH MIV MIA CIA CIA CIA CIA CIA CON COA C-0600A MOH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA CIA CIA CIA COH COV COA C-0600A MOH MOH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec A (1 LL LEVEL In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA CIA CIA CIA CON COA C-0600A MOH MOV MIH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec LL LEVEL In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .498 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA CIA CIA CIA COH COV COA C-0600A MOH MOH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec A (1 LL LEVEL In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA CIA CIA CIA COM COM COM COM COM COM COM COM	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .221 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH COV COA C-0600A MOH MOV MIH MIV MIA CIA CIH	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .221 G-s .193 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH COV COA C-0600A MOH MOV MIH MIV MIA CIA CIH CIV	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH COV COA C-0600A MOH MOV MIH MIV MIA CIA CIA CIA CIA CIA CIA	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH COV COA C-0600A MOH MOV MIH MIV MIA CIA CIH CIV COH COV	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s .711 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH COV COA C-0600A MOH MOV MIH MIV MIA CIA CIA CIA CIA CIA CIA	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH CIV COH COV COA	- C-601A N2 RECYCL	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .135 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s .711 G-s .903 G-s .903 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA COV COA C-0600A MOH MIV MIA CIA CIA CIA CIA CIA CIA CIA CIA CIA C	- C-0600A FEED GAS	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s .711 G-s .903 G-s .903 G-s .31-Aug-22) 1K-20KHz
C-601A MOH MOV MIH MIV MIA CIA CIA COV COA C-0600A MOH MIV MIA CIA CIA CIA CIA CIA CIA CIA CIA CIA C	- C-0600A FEED GAS	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .221 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s .711 G-s .903 G-s .903 G-s .31-Aug-22) 1K-20KHz .443 G-s
C-601A MOH MOV MIH MIV MIA CIA CIH CIV COH COV COA C-0600A MOH CIA CIA CIA CIA CIA CIA CIA CIA CIA CIA	- C-0600A FEED GAS	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .221 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s .711 G-s .903 G-s .903 G-s .31-Aug-22) 1K-20KHz .443 G-s .258 G-s
C-601A MOH MOV MIH MIV MIA CIA CIA COV COA C-0600A MOH MIV MIA CIA CIA CIA CIA CIA CIA CIA CIA CIA C	- C-0600A FEED GAS	E COMP OVERAJ .052 .031 .099 .036 .033 .106 .101 .118 .108 .108 .108 .108 .108 .108	A (1 LL LEVEL In/Sec	31-Aug-22) 1K-20KHz .669 G-s .272 G-s .900 G-s .407 G-s .308 G-s .871 G-s 1.297 G-s .740 G-s 3.693 G-s 1.498 G-s 1.347 G-s 31-Aug-22) 1K-20KHz .451 G-s .221 G-s .221 G-s .193 G-s .528 G-s 1.764 G-s 1.013 G-s 4.219 G-s .711 G-s .903 G-s .903 G-s .31-Aug-22) 1K-20KHz .443 G-s

MIA	.142 In	n/Sec .350 G-s
CIA	.378 II	
CIH		n/Sec 3.626 G-s
CIV	.513 II	
СОН	.443 1	
COV COA		n/Sec .603 G-s n/Sec .727 G-s
COA	.407 11	1/Sec . /2/ G-S
C-0600C ·	- C-0600C FEED GAS COMP C	(31-Aug-22)
	OVERALL	LEVEL 1K-20KHz
MOH	.386 II	n/Sec .334 G-s
MOV	.220 In	•
MIH	.450 II	
MIV	.148 In .150 In	•
MIA CIA		n/Sec 2.681 G-s
CIH		n/Sec 1.993 G-s
CIV	.437 II	
СОН	.328 I	n/Sec 2.889 G-s
COV	.633 II	n/Sec 1.245 G-s
COA	.555 In	n/Sec 1.042 G-s
DTD 00003		(21. 3
BLK-0200A	- BLR-0200A LFG BLOWER A OVERALL	-
МОН	••	n/Sec .983 G-s
MON		n/Sec .481 G-s
MIH		n/Sec 1.375 G-s
MIV	.277 II	
MIA	.092 II	•
BIA		n/Sec 4.150 G-s
BIH	.509 1	
BIV	.438 In .522 In	
BOH BOV	.382 11	•
BOA	.223 II	•
		1/Sec 3.195 G-S
		n/Sec 3.195 G-s
	- BLR-0200B LFG BLOWER B	(31-Aug-22)
BLR-0200B	- BLR-0200B LFG BLOWER B OVERALL	(31-Aug-22) LEVEL 1K-20KHz
BLR-0200B ·	- BLR-0200B LFG BLOWER B OVERALL .334 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s
BLR-0200B · MOH MOV	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s
BLR-0200B ·	- BLR-0200B LFG BLOWER B OVERALL .334 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s
BLR-0200B MOH MOV MIH	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s n/Sec .426 G-s n/Sec .904 G-s
BLR-0200B · MOH MOV MIH MIV	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 8.567 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIH BIV	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 8.567 G-s h/Sec 2.826 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 8.567 G-s h/Sec 2.826 G-s h/Sec 11.55 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 8.567 G-s h/Sec 2.826 G-s h/Sec 11.55 G-s h/Sec 3.285 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 8.567 G-s h/Sec 2.826 G-s h/Sec 11.55 G-s h/Sec 3.285 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 8.567 G-s h/Sec 2.826 G-s h/Sec 11.55 G-s h/Sec 3.285 G-s h/Sec 2.848 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In - BLR-0200C LFG BLOWER C OVERALL	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 2.826 G-s h/Sec 11.55 G-s h/Sec 3.285 G-s h/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In - BLR-0200C LFG BLOWER C OVERALL .141 In	(31-Aug-22) LEVEL 1K-20KHz h/Sec .806 G-s h/Sec .426 G-s h/Sec .904 G-s h/Sec .275 G-s h/Sec .330 G-s h/Sec 2.945 G-s h/Sec 2.826 G-s h/Sec 11.55 G-s h/Sec 3.285 G-s h/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz h/Sec 1.018 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In - BLR-0200C LFG BLOWER C OVERALL .141 In .139 In	(31-Aug-22) LEVEL 1K-20KHz a/Sec .806 G-s a/Sec .426 G-s a/Sec .904 G-s a/Sec .275 G-s a/Sec .330 G-s a/Sec 2.945 G-s a/Sec 2.826 G-s a/Sec 11.55 G-s a/Sec 3.285 G-s a/Sec 2.848 G-s a/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz a/Sec 1.018 G-s a/Sec .337 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In	(31-Aug-22) LEVEL 1K-20KHz a/Sec .806 G-s a/Sec .426 G-s a/Sec .904 G-s a/Sec .275 G-s a/Sec .330 G-s a/Sec 2.945 G-s a/Sec 2.826 G-s a/Sec 11.55 G-s a/Sec 3.285 G-s a/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz a/Sec 1.018 G-s a/Sec .337 G-s a/Sec 1.344 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In .228 In	(31-Aug-22) LEVEL 1K-20KHz a/Sec .806 G-s a/Sec .426 G-s a/Sec .904 G-s a/Sec .275 G-s a/Sec 2.945 G-s a/Sec 2.945 G-s a/Sec 2.826 G-s a/Sec 11.55 G-s a/Sec 3.285 G-s a/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz a/Sec 1.018 G-s a/Sec 337 G-s a/Sec 319 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .141 In .139 In .182 In .228 In .051 In	(31-Aug-22) LEVEL 1K-20KHz a/Sec .806 G-s a/Sec .426 G-s a/Sec .904 G-s a/Sec .275 G-s a/Sec .330 G-s a/Sec 2.945 G-s a/Sec 2.826 G-s a/Sec 11.55 G-s a/Sec 3.285 G-s a/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz a/Sec .337 G-s a/Sec .319 G-s a/Sec .480 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In .228 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s n/Sec .426 G-s n/Sec .904 G-s n/Sec .275 G-s n/Sec .330 G-s n/Sec 2.945 G-s n/Sec 2.826 G-s n/Sec 11.55 G-s n/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz n/Sec 1.337 G-s n/Sec 1.344 G-s n/Sec .319 G-s n/Sec .480 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .228 In .226 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In .228 In .228 In .228 In .391 In	(31-Aug-22) LEVEL 1K-20KHz a/Sec .806 G-s a/Sec .426 G-s a/Sec .904 G-s a/Sec .275 G-s a/Sec .2945 G-s a/Sec 2.945 G-s a/Sec 2.826 G-s a/Sec 11.55 G-s a/Sec 2.848 G-s a/Sec 2.848 G-s (31-Aug-22) LEVEL LEVEL 1K-20KHz a/Sec .337 G-s a/Sec .319 G-s a/Sec .480 G-s a/Sec .243 G-s a/Sec .223 G-s a/Sec 12.23 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .228 In .195 In .256 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In .228 In .228 In .228 In .391 In .618 In	(31-Aug-22) LEVEL 1K-20KHz a/Sec .806 G-s a/Sec .426 G-s a/Sec .904 G-s a/Sec .275 G-s a/Sec .2945 G-s a/Sec 2.945 G-s a/Sec 2.826 G-s a/Sec 11.55 G-s a/Sec 2.848 G-s a/Sec 2.848 G-s (31-Aug-22) LEVEL LEVEL 1K-20KHz a/Sec .337 G-s a/Sec .319 G-s a/Sec .480 G-s a/Sec .223 G-s a/Sec 12.23 G-s a/Sec 11.23 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .228 In .226 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In .228 In .228 In .228 In .391 In .448 In .391 In .438 In .383 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s n/Sec .426 G-s n/Sec .904 G-s n/Sec .275 G-s n/Sec .2945 G-s n/Sec 2.945 G-s n/Sec 2.826 G-s n/Sec 3.285 G-s n/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz n/Sec .337 G-s n/Sec .319 G-s n/Sec .480 G-s n/Sec .243 G-s n/Sec 1.23 G-s n/Sec 1.23 G-s
BLR-0200B MOH MOV MIH MIV MIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C BLR-0200C	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .228 In .226 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In .228 In .228 In .228 In .391 In .448 In .391 In .438 In .383 In	(31-Aug-22) LEVEL 1K-20KHz a/Sec .806 G-s a/Sec .426 G-s a/Sec .904 G-s a/Sec .275 G-s a/Sec .2945 G-s a/Sec 2.945 G-s a/Sec 2.826 G-s a/Sec 11.55 G-s a/Sec 2.848 G-s a/Sec 2.848 G-s (31-Aug-22) LEVEL LEVEL 1K-20KHz a/Sec .337 G-s a/Sec .319 G-s a/Sec .480 G-s a/Sec .223 G-s a/Sec 12.23 G-s a/Sec 11.23 G-s
BLR-0200B MOH MOV MIH MIV BIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C BOA	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .228 In .226 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .362 In .212 In .362 In .212 In .362 In .212 In .362 In .212 In .213 In .362 In .212 In .212 In .213 In .362 In .212 In .213 In .362 In .214 In .182 In .228 In .228 In .224 In .383 In .383 In .246 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s n/Sec .904 G-s n/Sec .275 G-s n/Sec .275 G-s n/Sec .2945 G-s n/Sec 2.945 G-s n/Sec 2.826 G-s n/Sec 11.55 G-s n/Sec 3.285 G-s n/Sec 2.848 G-s n/Sec 1.018 G-s n/Sec 1.344 G-s n/Sec .319 G-s n/Sec .223 G-s n/Sec 1.23 G-s n/Sec 1.23 G-s n/Sec 1.23 G-s n/Sec 2.920 G-s
BLR-0200B MOH MOV MIH MIV BIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C BOA	- BLR-0200B LFG BLOWER B OVERALL .334 In .228 In .228 In .226 In .067 In .213 In .385 In .333 In .438 In .362 In .212 In .212 In .212 In .141 In .139 In .182 In .228 In .228 In .228 In .391 In .448 In .391 In .438 In .383 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s n/Sec .426 G-s n/Sec .904 G-s n/Sec .275 G-s n/Sec .2945 G-s n/Sec 2.945 G-s n/Sec 2.826 G-s n/Sec 3.285 G-s n/Sec 2.848 G-s (31-Aug-22) LEVEL 1K-20KHz n/Sec .337 G-s n/Sec .319 G-s n/Sec .319 G-s n/Sec 1.23 G-s n/Sec 11.23 G-s n/Sec 2.920 G-s n/Sec 2.920 G-s n/Sec 2.920 G-s n/Sec 2.476 G-s
BLR-0200B MOH MOV MIH MIV BIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C BOA	- BLR-0200B LFG BLOWER B OVERALL . 334 In . 228 In . 195 In . 256 In . 067 In . 213 In . 385 In . 333 In . 438 In . 362 In . 212 In . 212 In . 141 In . 139 In . 182 In . 228 In . 051 In . 294 In . 448 In . 391 In . 618 In . 383 In . 246 In . 246 In . 091 In	(31-Aug-22) LEVEL h/Sec .806 h/Sec .426 h/Sec .904 h/Sec .904 h/Sec .275 h/Sec .330 h/Sec .275 h/Sec .330 h/Sec .2945 h/Sec 2.945 h/Sec 2.826 h/Sec 1.55 h/Sec 3.285 h/Sec 2.848 G-s .1 h/Sec 1.018 G-s .337 G-s .319 G-s .319 h/Sec .319 G-s .480 G-s .480 G-s .480 G-s .480 G-s .480 G-s .480 LEVEL 1K-20KHz h/Sec 1.23 G-s .476 G-s .476 G-s .476 G-s .52 LEVEL<
BLR-0200B MOH MOV MIH BIA BIA BIH BIV BOA BOA BOA BOA BOA BOA BOA BOA BOA BOA	- BLR-0200B LFG BLOWER B OVERALL . 334 In . 228 In . 195 In . 256 In . 067 In . 213 In . 385 In . 333 In . 438 In . 362 In . 212 In - BLR-0200C LFG BLOWER C OVERALL . 141 In . 139 In . 182 In . 228 In . 051 In . 294 In . 448 In . 391 In . 618 In . 383 In . 246 In . 246 In . 100 In . 100 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s n/Sec .904 G-s n/Sec .275 G-s n/Sec .2945 G-s n/Sec 2.945 G-s n/Sec 2.826 G-s n/Sec 2.826 G-s n/Sec 3.285 G-s n/Sec 2.848 G-s (31-Aug-22) LEVEL LEVEL 1K-20KHz n/Sec 1.318 G-s n/Sec 1.344 G-s n/Sec .319 G-s n/Sec 1.23 G-s n/Sec 1.23 G-s n/Sec 2.920 G-s n/Sec 2.476 G-s n/Sec 2.653 G-s
BLR-0200B MOH MOV MIH BIA BIA BIH BIV BOH BOV BOA BLR-0200C BLR-0200C BOA C-1300	- BLR-0200B LFG BLOWER B OVERALL . 334 In . 228 In . 195 In . 256 In . 067 In . 213 In . 385 In . 333 In . 438 In . 362 In . 212 In . 212 In . 141 In . 139 In . 182 In . 228 In . 051 In . 294 In . 448 In . 391 In . 618 In . 383 In . 246 In . 246 In . 091 In	(31-Aug-22) LEVEL 1K-20KHz n/Sec .806 G-s n/Sec .904 G-s n/Sec .275 G-s n/Sec .2945 G-s n/Sec 2.945 G-s n/Sec 2.826 G-s n/Sec 2.826 G-s n/Sec 3.285 G-s n/Sec 2.848 G-s (31-Aug-22) LEVEL LEVEL 1K-20KHz n/Sec 1.318 G-s n/Sec 1.344 G-s n/Sec .319 G-s n/Sec 1.23 G-s n/Sec 1.23 G-s n/Sec 2.920 G-s n/Sec 2.476 G-s n/Sec 2.653 G-s n/Sec 1.68 G-s

M	IA		.111	In/Sec	.255 G-s
CI	IA		.320	In/Sec	1.148 G-s
CI	IH		.239	In/Sec	4.730 G-s
CI	IV		.340	In/Sec	.858 G-s
CC	ОН		.145	In/Sec	2.733 G-s
CC	vo		.323	In/Sec	.756 G-s
CC	AC		.225	In/Sec	1.177 G-s
C-1304	- C-1304	SALES GAS	COMP	STG 2	(31-Aug-22)
				LL LEVEI	
MC	ОН		.124	In/Sec	.787 G-s
MC	vo		.079	In/Sec	1.473 G-s
M	IH		.097	In/Sec	.814 G-s
M	IV		.077	In/Sec	1.110 G-s
M	IA		.098	In/Sec	.396 G-s
CI	IA		.084	In/Sec	.332 G-s
CI	IH		.141	In/Sec	.431 G-s
-	IV		.090	In/Sec	.306 G-s
CI				In/Sec In/Sec	.306 G-s .425 G-s
CI	IV		.186		.425 G-s

Clarification Of Vibration Units:

-				
	Acc	>	G-s	RMS
	Vel	>	In/Sec	PK