

7030 Ryburn Dr. Millington, TN

Phone: (901) 873-5300

Fax: (901) 873-5301

www.gohispeed.com

February 6, 2024

Nucor Roll Mill Jackson-Flowood, MS

Subject: January vibration survey

Below is a summary report for the monthly Roll Mill vibration survey that was performed on 2/1/24. Most of the machines surveyed were found to be in good condition except for the following.

HI-SPEED 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

As always, it has been a pleasure to NUCOR Steel Flowood, MS. If there are any comments or questions, do not hesitate to contact us.

Sincerely,

Kerin W. Maguell

ISO Certified Vibration Analyst, Category III



Cell: 901-486-4565 Email: kwilliam@gohispeed.com

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

Roll Stand 1A

Planetary gearbox has some slightly higher than normal vibration and noise floor in spectral data at the input end of the gearbox. The increased amplitudes and gear mesh frequencies in spectral data may be influenced some due to load and speed; however, they may also indicate internal wear or defects in internal components. We are monitoring this closely. Rated as a **CLASS I** defect.

Roll Stand 2

Inboard gearbox (Int.) is showing some elevated gear mesh vibration with sidebands of input rpm. This issue appears to come and go based on load and speed. This type of vibration is an indication of heavy tooth load or possible gear wear. Rated as a **CLASS II** defect for now.

Roll Stand 5

Cooling fan motor still has some 1 x rpm vibration. Check all fasteners and motor frame for looseness. The cooling fan may have build up causing imbalance. As far as the gearbox goes, gear mesh vibration decreased slightly this month. Previous gear inspections of the gearbox show some tooth wear in this gearbox. The up and down amplitude of this peak from month to month is likely due to change in tooth load and machine speed. We will continue to monitor this very closely. This is rated as a **CLASS II** defect.

Roll Stand 6

A dominant gear mesh vibration is sometimes present towards the output of the gearbox. This month it was present during testing. The up and down amplitude of this peak is likely due to change in tooth load and speed. We will continue to monitor this very closely. This is rated as a **CLASS I** defect.

Roll Stand 7

Gearbox vibration was much higher in amplitude this survey. Vibration data shows high amplitude gear mesh harmonics on outboard end of the gear casing. We suspect this to be possibly due to a resonant gear mesh frequency vibration. The up and down amplitude of this peak from month to month is likely due to change in tooth load and machine speed. We will continue to monitor this very closely. Because of the high amplitudes in the outboard end of gearbox, this is rated as a **CLASS II** defect.

Furnace Cooling Tower Drive South

Motor data shows axial and radial vibration that appears to be occurring at or near 1 x motor rpm and may indicate a structural issue such as loose fasteners, weak flexible motor base. This could also be caused by a resonance or air flow turbulence in this unit. We will continue to monitor this issue closely. Rated as a **CLASS II** defect.

West Air Compressor

Compressor was not in operation this survey; however, the following still applies: Motor and compressor has an increase in 1 x rpm vibration with vibration being the highest in the axial direction. For now, check couplings, check all base fasteners, and ensure alignment is good. Rated as a **CLASS III** defect.

Database: nucorja9.rbm Station: Roll Mill Rolls

MEASUREMENT POINT				L LEVEL	HFD / VHFD	
STD1A	-	- Stand	1A			(01-Feb-24)
				OVERA	LL LEVEL	1K-20KHz
	MOH					.0091 G-s
	MIH			.069	In/Sec	.051 G-s
	MIA			.104	In/Sec	.053 G-s
	СОН			.154	In/Sec	.075 G-s
	GIA			.169	In/Sec	.119 G-s
	GIH				In/Sec	
	GI2				In/Sec	.271 G-s
	GI3			.224	In/Sec	.528 G-s
	GI4			.154	In/Sec	.319 G-s
	GI5			.121	In/Sec	.666 G-s
	GI6					.273 G-s
	GOH					.050 G-s
STD2A	-	- Stand	2A			(01-Feb-24)
				OVERA	LL LEVEL	1K-20KHz
	MOH			.052	In/Sec In/Sec	.0089 G-s
	MIH			.050	In/Sec	.044 G-s
	MIA			.080	In/Sec	.081 G-s
	СОН			.075	In/Sec	.056 G-s
STD1	-	- Stand	1			(01-Feb-24)
				OVERA	LL LEVEL	1K-20KHz
	MOH			.127	In/Sec	.014 G-s
	MIH					.025 G-s
	MIA			.362	In/Sec	.328 G-s
	GIA			.038	In/Sec	.032 G-s
	GIH			.046	In/Sec	.026 G-s
	СОН			.090	In/Sec	.018 G-s
STD2	-	- Stand				(01-Feb-24)
				OVERA	LL LEVEL	1K-20KHz
	MOH			.129	In/Sec	.034 G-s
	MIH			.166	In/Sec	.105 G-s
	MIA				In/Sec	
	GIA			.099	In/Sec	.073 G-s
	GIH			.212	In/Sec	.245 G-s
	СОН			.358	In/Sec	.045 G-s
STD3	-	- Stand	3		((01-Feb-24)
					LL LEVEL	
	MOH				In/Sec	
	MIH				In/Sec	
	MIA				In/Sec	.021 G-s
	GIA				In/Sec	
	GIH				In/Sec	.102 G-s
	СОН			.156	In/Sec	.032 G-s
STD4	-	- Stand	4			(01-Feb-24)
				OVERA	LL LEVEL	1K-20KHz
	MOH			.070	In/Sec	.0079 G-s
	MIH			.128	In/Sec	.021 G-s
	MIA			.072	In/Sec	.106 G-s
	GIA			.101	In/Sec	.219 G-s
	GIH			.101	In/Sec	.056 G-s
	СОН			.365	In/Sec	.025 G-s
STD5	-	- Stand	5			(01-Feb-24)
5105		Scand	2	OVERA		1K-20KHz
	мон				In/Sec	

	MIH		.061 In/Sec	.139 G-s
	MIA		.139 In/Sec	.184 G-s
	GIA		.139 In/Sec	.107 G-s
	GIH		.083 In/Sec	.024 G-s
	GOH		.357 In/Sec	.423 G-s
	СОН		.454 In/Sec	.074 G-s
STD6		- Stand	6	(01-Feb-24)
			OVERALL LEVEL	1K-20KHz
	MOH		.070 In/Sec	.015 G-s
	MIH		.082 In/Sec	.018 G-s
	MIA		.231 In/Sec	.053 G-s
	GIA		.089 In/Sec	
	GIH		.073 In/Sec	
	GOH		.203 In/Sec	
	СОН		.275 In/Sec	.150 G-s
STD7		- Stand		(01-Feb-24)
			OVERALL LEVEL	
	MOH		.083 In/Sec	
	MIH MIA		.070 In/Sec .181 In/Sec	
	GIA		.084 In/Sec	.081 G-s
	GIH		.142 In/Sec	
	GOH		1.682 In/Sec	
	СОН		.574 In/Sec	
_		_		
STD8		- Stand	8 OVERALL LEVEL	(01-Feb-24) 1K-20KHz
	мон		.089 In/Sec	
	MIH		.069 In/Sec	.054 G-s
	MIA		.114 In/Sec	.054 G-s
	GIA		.088 In/Sec	
	GIH		.064 In/Sec	.0084 G-s
	СОН		.197 In/Sec	.088 G-s
STD9		- Stand	9	(01-Feb-24)
STD9		- Stand	9 OVERALL LEVEL	(01-Feb-24) 1K-20KHz
STD9	мон	- Stand		1K-20KHz
STD9		- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec	1K-20KHz .070 G-s .065 G-s
STD9	MOH MIH MIA	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s
STD9	MOH MIH MIA GIA	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s
STD9	MOH MIH MIA GIA GIH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .089 In/Sec	L 1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s
STD9	MOH MIH MIA GIA	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s
	MOH MIH MIA GIA GIH COH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s
	MOH MIH MIA GIA GIH COH		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14 OVERALL LEVEL	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz
	MOH MIH GIA GIH COH		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14 OVERALL LEVEL .192 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s
	MOH MIH GIA GIH COH MOH MIH		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14 OVERALL LEVEL .192 In/Sec .131 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s
	MOH MIH GIA GIH COH MOH MIH MIA		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14 OVERALL LEVEL .192 In/Sec .131 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s
	MOH MIH GIA GIH COH MOH MIH MIA GIA		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .14 OVERALL LEVEL .192 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec .022 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s .057 G-s .034 G-s .037 G-s .037 G-s .046 G-s
	MOH MIH GIA GIH COH MOH MIH MIA		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .14 OVERALL LEVEL .192 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec .022 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s .057 G-s .034 G-s .037 G-s .037 G-s .046 G-s
	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14 OVERALL LEVEL .192 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .102 G-s .037 G-s .037 G-s .061 G-s .028 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH GOH COH		OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14 OVERALL LEVEL .192 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec .022 In/Sec .226 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .102 G-s .037 G-s .037 G-s .061 G-s .028 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH GOH COH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec 14 OVERALL LEVEL .192 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec .022 In/Sec .226 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .102 G-s .037 G-s .037 G-s .028 G-s .252 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH GOH COH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .336 In/Sec .131 In/Sec .131 In/Sec .134 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .084 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .037 G-s .037 G-s .028 G-s .252 G-s (01-Feb-24) 1K-20KHz .067 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH GOH COH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .131 In/Sec .131 In/Sec .134 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .084 In/Sec .062 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .037 G-s .037 G-s .028 G-s .252 G-s (01-Feb-24) 1K-20KHz .067 G-s .090 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH GOH COH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .131 In/Sec .131 In/Sec .134 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .084 In/Sec .062 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .102 G-s .037 G-s .028 G-s .252 G-s (01-Feb-24) 1K-20KHz .067 G-s .090 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA MOH MIH MIA GIA	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .14 OVERALL LEVEL .192 In/Sec .134 In/Sec .036 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .060 In/Sec .038 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s .046 G-s .034 G-s .034 G-s .034 G-s .037 G-s .037 G-s .037 G-s .028 G-s .252 G-s .057 G-s .028 G-s .252 G-s .090 G-s .092 G-s .129 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH MIH MIA GIA GIH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .131 In/Sec .131 In/Sec .134 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .062 In/Sec .060 In/Sec .038 In/Sec .042 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s .046 G-s .046 G-s .046 G-s .034 G-s .034 G-s .034 G-s .037 G-s .037 G-s .028 G-s .252 G-s .057 G-s .090 G-s .092 G-s .129 G-s .076 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA MOH MIH MIA GIA	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .14 OVERALL LEVEL .192 In/Sec .134 In/Sec .036 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .060 In/Sec .038 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s .046 G-s .046 G-s .046 G-s .034 G-s .034 G-s .034 G-s .037 G-s .037 G-s .028 G-s .252 G-s .057 G-s .090 G-s .092 G-s .129 G-s .076 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH MIH MIA GIA GIH COH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .131 In/Sec .134 In/Sec .134 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .060 In/Sec .038 In/Sec .042 In/Sec .253 In/Sec .253 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s .046 G-s .046 G-s .046 G-s .046 G-s .034 G-s .034 G-s .037 G-s .037 G-s .037 G-s .028 G-s .252 G-s .028 G-s .252 G-s .090 G-s .090 G-s .092 G-s .129 G-s .076 G-s .044 G-s
STD14	MOH MIH GIA GIH COH MOH MIH MIA GIA GIH COH MOH MIH MIA GIA GIH COH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .131 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .060 In/Sec .038 In/Sec .042 In/Sec .042 In/Sec .253 In/Sec .253 In/Sec .253 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .037 G-s .037 G-s .061 G-s .028 G-s .252 G-s (01-Feb-24) 1K-20KHz .067 G-s .090 G-s .092 G-s .129 G-s .076 G-s .044 G-s
STD14	MOH MIH MIA GIA GIH COH MOH MIH MIA GIA GIH COH AC MOH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .131 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .062 In/Sec .060 In/Sec .038 In/Sec .042 In/Sec .253 In/Sec .253 In/Sec .253 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .037 G-s .037 G-s .061 G-s .028 G-s .252 G-s (01-Feb-24) 1K-20KHz .067 G-s .090 G-s .092 G-s .129 G-s .076 G-s .044 G-s (01-Feb-24) 1 - 20 KHz .934 G-s
STD14	MOH MIH MIA GIA GIH COH MOH MIH GIA GIH COH AC MOH MIH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .089 In/Sec .336 In/Sec 14 OVERALL LEVEL .192 In/Sec .131 In/Sec .134 In/Sec .036 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .062 In/Sec .060 In/Sec .061 In/Sec .062 In/Sec .062 In/Sec .061 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .064 In/Sec .253 In/Sec .253 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .037 G-s .037 G-s .061 G-s .028 G-s .252 G-s (01-Feb-24) 1K-20KHz .067 G-s .090 G-s .092 G-s .129 G-s .076 G-s .044 G-s (01-Feb-24) 1 - 20 KHz .934 G-s .639 G-s
STD14	MOH MIH MIA GIA GIH COH MOH MIH MIA GIA GIH COH AC MOH	- Stand	OVERALL LEVEL .122 In/Sec .103 In/Sec .078 In/Sec .205 In/Sec .205 In/Sec .336 In/Sec .336 In/Sec .14 OVERALL LEVEL .192 In/Sec .134 In/Sec .134 In/Sec .025 In/Sec .226 In/Sec .226 In/Sec .226 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .062 In/Sec .060 In/Sec .060 In/Sec .042 In/Sec .042 In/Sec .253 In/Sec .253 In/Sec .253 In/Sec .094 In/Sec .079 In/Sec .077 In/Sec	1K-20KHz .070 G-s .065 G-s .089 G-s .155 G-s .059 G-s .046 G-s (01-Feb-24) 1K-20KHz .057 G-s .034 G-s .037 G-s .037 G-s .061 G-s .028 G-s .252 G-s (01-Feb-24) 1K-20KHz .067 G-s .090 G-s .092 G-s .129 G-s .076 G-s .044 G-s (01-Feb-24) 1 - 20 KHz .934 G-s .639 G-s

CIA		.271 In/Sec .173 In/Sec	.450 G-s
CIH			
СОН		.170 In/Sec	.569 G-s
SOUTH AC	- SOUTH AIR COM	PRESSOR QUINCY (0	-
		OVERALL LEVEL	
MOH		.113 In/Sec	.503 G-s
MIH MIA		.168 In/Sec .264 In/Sec	.533 G-S
MIA		OVERALL LEVEL	
CIA			
CIH		.280 In/Sec .174 In/Sec	410 G-s
СОН		.288 In/Sec	.483 G-s
s	tation: Roll M	ill Utilities	
MEASUREMEN	I POINT	OVERALL LEVEL	HFD / VHFD
DESFAN	- Desolution Fam		2-Feb-24)
		OVERALL LEVEL	
MOH		.029 In/Sec	.049 G-s
MIH		.039 In/Sec .087 In/Sec	.049 G-S
MIA		.08/ IN/Sec	.0046 G-S
COLPMP2	- Furnace Cooli	ng Pump center (0 OVERALL LEVEL	
мон		.422 In/Sec	.136 G-s
MIH		.244 In/Sec	.130 G-s 284 C-s
MIN		.048 In/Sec	
MIA		.040 11/560	.045 6-5
FCTSOUTH	- Furnace CT Dr	ive South (0	
мон		OVERALL LEVEL .171 In/Sec	.054 G-s
MUH		.075 In/Sec	
MIA		.416 In/Sec	
FCTNORTH	- Furnace CT Dr	ive North (0	2-Feb-24)
remokin	Furnace CI DI	OVERALL LEVEL	
мон		.414 In/Sec	.098 G-s
МІН		.244 In/Sec	.098 G-s .063 G-s
MIA		.168 In/Sec	
SCLPMP2	- Scale Pit Pum	p North (0	2-Feb-24)
	·····	OVERALL LEVEL	1K-20KHz
MOH		.164 In/Sec	.192 G-s
MIH		.117 In/Sec	.373 G-s
MIA		.117 In/Sec .109 In/Sec	.114 G-s
CTWTR2	- CT Pump West	(0	2-Feb-24)
		OVERALL LEVEL	
MOH		.119 In/Sec	.310 G-s
MIH		.082 In/Sec	.208 G-s
MIA		.067 In/Sec	.177 G-s
MILWTR3	- Mill Water Pu	mp West (0	
		OVERALL LEVEL	1K-20KHz
MOH		.075 In/Sec	.260 G-s
MIH		.051 In/Sec	
MIA		.047 In/Sec	.088 G-s
	- Mill Water Pu	mp Center (0	
MILWTR2			172 007211-
		OVERALL LEVEL	IK-ZUKHZ
МОН		OVERALL LEVEL .080 In/Sec	.128 G-s
		OVERALL LEVEL .080 In/Sec .050 In/Sec .043 In/Sec	1.088 G-s

Clarification Of Vibration Units:

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