

January 7, 2021

Lucite

Subject: January vibration report

Most of the machines surveyed were found to be in good condition with the exception of the following:

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

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

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

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

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

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

This completes our assessment of your equipment for this survey. Thank you for your business and don't hesitate to call if you have any comments or questions.

Sincerely,

David W. Shook
Senior Reliability Specialists
Hi-Speed Industrial Service
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Detailed Defects

ACN 07C ACH Product Feed Pump South

Data indicates possible bearing cage defects as well as outer race defects present in the inboard motor bearing.

Be prepared to change out the motor in the future. **Rated a Class II Defect.**

MON 168 AB Booster Pump East

Large jump in motor vibration as measured in the outboard horizontal. Inspect the unit for defects.

Check foot bolts, coupling initially and then the shaft alignment as time allows. **Rated a Class II Defect.**

SAR57B Oleum Tower Circulation Pump East

Motor vibrations associated with fluting are seen in the data and seem to be increasing. Fluting is usually associated with DC motors and AC motors with speed controls. Check for proper operation and consider using insulated bearings and a grounding brush. **Rated a Class II Defect.**

SAR 03 Turbine Compressor Main Blower

The housing vibration continues to climb at the speed of the shaft. Further investigation is warranted to try to reduce the amplitude. **Rated a Class II Defect.**

Observations

ACN 08 ACH Blend Tank Pump

The outboard motor vertical vibration is above 0.4"/sec velocity peak at the speed of the shaft. Inspect the unit for loose fasteners and possible coupling issues. Check the shaft alignment as time allows.

Rated a Class I Defect.

ACN 36 ACH Neutralizer Tank Circulation Pump

Pump has a 4x RPM overall vibration at almost 0.8"/sec velocity peak. We suspect process variables affect the values. Could be wear in the pump, or possibly a worn coupling. Inspect at the next opportunity. **Rated a Class II Defect.**

MON 56 Inhibited MON transfer pump E

The pump axial overall vibration is just over 0.4"/sec velocity peak and consists mostly of noise around 2-20 orders of shaft speed. We suspect recirculation and /or cavitation caused by either pump wear or not running near the optimal point on the curve. The inboard horizontal also has what looks to be cavitation between 40 and 60 orders. Not much change. Inspect as time allows. **Rated A Class I Defect.**

SAR 10 Process Air Fan E

The data still shows a fan speed vibration in the unit. We suspect a fan issue such as imbalance from either build up or damage from an impact. Possible belt issue also. Inspect the fan unit and drive components as soon as possible to correct the high vibrations. **Rated a Class II Defect.**

SAR55A Neutralization Pump North

The data continues to indicate distress in the inboard motor bearing, which has jumped back up in vibration amplitude. We still see about 3 g's RMS overall for the horizontal measurement. This motor will have to be replaced in the future. **Rated a Class II Defect.**

SAR66A, SAR 66B, and SAR 66C Vertical Cooling Tower Pumps

These pumps still have a 1xRPM vibration at near or above 0.4"/second velocity peak. The vibration should be lowered if possible. Trim balancing might help if the unit is out. Check all fasteners for tightness and the shafts if possible, for runout. **Rated A Class I Defect.**

SAR 137B Containment Pit Pump South

The unit seems to have a sub-synchronous vibration in the motor. Check all the fasteners. **Rated a Class I Defect.**

Abbreviated Last Measurement Summary *****

Database: Lucite Memphis MMA.rbm
Area: MMA
Report Date: 07-Jan-21 08:33

MEASUREMENT POINT	OVERALL LEVEL	HFD / VHFD
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0126 - Carrier Ref Unit	(28-Sep-20)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.025 In/Sec	.358 G-s
MOP - Motor Outboard Horz Peakvue	.026 G-s	
MOV - Motor Outboard Vertical	.028 In/Sec	.091 G-s
MOA - Motor Outboard Axial	.028 In/Sec	.045 G-s
MIH - Motor Inboard Horizontal	.031 In/Sec	.396 G-s
MIP - Motor Inboard Horz Peakvue	.031 G-s	
MIV - Motor Inboard Vertical	.022 In/Sec	.188 G-s
MIA - Motor Inboard Axial	.015 In/Sec	.123 G-s
IIH - Inboard Input Horizontal	.176 In/Sec	
IIP - Input Inboard Horizontal PK	1.505 G-s	
IIV - Inboard Input Vertical	.160 In/Sec	
IIA - Inboard Input Axial	.098 In/Sec	
OOH - Output Outboard Horizontal	.166 In/Sec	
OOP - Output Outboard Horizontal PK	2.072 G-s	
OOV - Output Outboard Vertical	.196 In/Sec	
OOA - Output Outboard Axial	.098 In/Sec	
CIH - Compressor Inboard Horizontal	.085 In/Sec	

CIP - Compressor Inboard Horz Peakvue	.622 G-s	
CIV - Compressor Inboard Vertical	.088 In/Sec	
CIA - Compressor Inboard Axial	.063 In/Sec	
COH - Compressor Outboard Horizontal	.041 In/Sec	
COP - Compressor Outboard Horz Peakvue	.245 G-s	
COV - Compressor Outboard Vertical	.043 In/Sec	
COA - Compressor Outboard Axial	.048 In/Sec	
ACN04 - Topping Col Circ Pump	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.030 In/Sec	.144 G-s
MOP - Motor Outboard Horz Peakvue	.077 G-s	
MOV - Motor Outboard Vertical	.040 In/Sec	.052 G-s
MOA - Motor Outboard Axial	.044 In/Sec	.043 G-s
MIH - Motor Inboard Horizontal	.026 In/Sec	.271 G-s
MIP - Motor Inboard Horz Peakvue	.157 G-s	
MIV - Motor Inboard Vertical	.028 In/Sec	.087 G-s
MIA - Motor Inboard Axial	.028 In/Sec	.043 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.115 In/Sec	.342 G-s
PIP - Pump Inboard Horz Peakvue	.222 G-s	
PIV - Pump Inboard Vertical	.070 In/Sec	.309 G-s
PIA - Pump Inboard Axial	.071 In/Sec	.300 G-s
POH - Pump Outboard Horizontal	.053 In/Sec	.592 G-s
POP - Pump Outboard Horz Peakvue	.399 G-s	
POV - Pump Outboard Vertical	.074 In/Sec	.122 G-s
POA - Pump Outboard Axial	.049 In/Sec	.102 G-s
ACN05B - Topp Column Xfer Pmp E	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.067 In/Sec	.667 G-s
MOP - Motor Outboard Horz Peakvue	.166 G-s	
MOV - Motor Outboard Vertical	.054 In/Sec	.146 G-s
MOA - Motor Outboard Axial	.038 In/Sec	.153 G-s
MIH - Motor Inboard Horizontal	.070 In/Sec	.751 G-s
MIP - Motor Inboard Horz Peakvue	.294 G-s	
MIV - Motor Inboard Vertical	.057 In/Sec	.154 G-s
MIA - Motor Inboard Axial	.016 In/Sec	.089 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.075 In/Sec	.698 G-s
PIP - Pump Inboard Horz Peakvue	.073 G-s	
PIV - Pump Inboard Vertical	.082 In/Sec	.508 G-s
PIA - Pump Inboard Axial	.127 In/Sec	.260 G-s
ACN07C - ACH Prod Feed Pump S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.069 In/Sec	1.081 G-s
MOP - Motor Outboard Horz Peakvue	.502 G-s	
MOV - Motor Outboard Vertical	.088 In/Sec	.491 G-s
MOA - Motor Outboard Axial	.065 In/Sec	.327 G-s
MIH - Motor Inboard Horizontal	.086 In/Sec	2.713 G-s
MIP - Motor Inboard Horz Peakvue	.872 G-s	
MIV - Motor Inboard Vertical	.066 In/Sec	.734 G-s
MIA - Motor Inboard Axial	.051 In/Sec	.451 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.170 In/Sec	2.070 G-s
PIP - Pump Inboard Horz Peakvue	.261 G-s	

PIV - Pump Inboard Vertical	.188 In/Sec	1.347 G-s
PIA - Pump Inboard Axial	.166 In/Sec	.913 G-s
ACN08 - ACH Blend Tank		
	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.062 In/Sec	.611 G-s
MOP - Motor Outboard Horz Peakvue	.049 G-s	
MOV - Motor Outboard Vertical	.417 In/Sec	.220 G-s
MOA - Motor Outboard Axial	.185 In/Sec	.326 G-s
MIH - Motor Inboard Horizontal	.122 In/Sec	2.115 G-s
MIP - Motor Inboard Horz Peakvue	.329 G-s	
MIV - Motor Inboard Vertical	.355 In/Sec	.415 G-s
MIA - Motor Inboard Axial	.103 In/Sec	.409 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.103 In/Sec	.540 G-s
PIP - Pump Inboard Horz Peakvue	.244 G-s	
PIV - Pump Inboard Vertical	.057 In/Sec	.122 G-s
PIA - Pump Inboard Axial	.089 In/Sec	.133 G-s
ACN09 - ACH Flash Tank Pump		
	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.093 In/Sec	.541 G-s
MOP - Motor Outboard Horz Peakvue	.046 G-s	
MOV - Motor Outboard Vertical	.111 In/Sec	.216 G-s
MOA - Motor Outboard Axial	.081 In/Sec	.189 G-s
* MIV - Motor Inboard Vertical	.068 In/Sec	.831 G-s
* MIA - Motor Inboard Axial	.108 In/Sec	1.139 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.062 In/Sec	.269 G-s
PIP - Pump Inboard Horz Peakvue	.047 G-s	
PIV - Pump Inboard Vertical	.059 In/Sec	.322 G-s
PIA - Pump Inboard Axial	.065 In/Sec	.307 G-s
ACN10 - #1 Kettle Circ Pmp		
	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.025 In/Sec	.394 G-s
MOP - Motor Outboard Horz Peakvue	.155 G-s	
MOV - Motor Outboard Vertical	.032 In/Sec	.122 G-s
MOA - Motor Outboard Axial	.024 In/Sec	.121 G-s
MIH - Motor Inboard Horizontal	.020 In/Sec	.577 G-s
MIP - Motor Inboard Horz Peakvue	.264 G-s	
MIV - Motor Inboard Vertical	.026 In/Sec	.283 G-s
MIA - Motor Inboard Axial	.043 In/Sec	.191 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.040 In/Sec	.224 G-s
PIP - Pump Inboard Horz Peakvue	.163 G-s	
PIV - Pump Inboard Vertical	.038 In/Sec	.107 G-s
PIA - Pump Inboard Axial	.030 In/Sec	.085 G-s
ACN11 - #2 Kettle Circ Pump		
	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.019 In/Sec	.491 G-s
MOP - Motor Outboard Horz Peakvue	.225 G-s	
MOV - Motor Outboard Vertical	.041 In/Sec	.155 G-s
MOA - Motor Outboard Axial	.041 In/Sec	.166 G-s
MIH - Motor Inboard Horizontal	.023 In/Sec	1.001 G-s
MIP - Motor Inboard Horz Peakvue	.550 G-s	

MIV - Motor Inboard Vertical	.042 In/Sec	.120 G-s
MIA - Motor Inboard Axial	.031 In/Sec	.231 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.032 In/Sec	.206 G-s
PIP - Pump Inboard Horz Peakvue	.116 G-s	
PIV - Pump Inboard Vertical	.041 In/Sec	.175 G-s
PIA - Pump Inboard Axial	.027 In/Sec	.121 G-s
* POV - Pump Outboard Vertical	.104 In/Sec	.200 G-s
* POA - Pump Outboard Axial	.038 In/Sec	.253 G-s
ACN12 - #1 Kettle Xfer Pump	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.048 In/Sec	.465 G-s
MOP - Motor Outboard Horz Peakvue	.058 G-s	
MOV - Motor Outboard Vertical	.152 In/Sec	.299 G-s
MOA - Motor Outboard Axial	.067 In/Sec	.186 G-s
MIH - Motor Inboard Horizontal	.074 In/Sec	1.332 G-s
MIP - Motor Inboard Horz Peakvue	.185 G-s	
MIV - Motor Inboard Vertical	.083 In/Sec	.573 G-s
MIA - Motor Inboard Axial	.059 In/Sec	.243 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.048 In/Sec	.109 G-s
PIP - Pump Inboard Horz Peakvue	.017 G-s	
PIV - Pump Inboard Vertical	.057 In/Sec	.118 G-s
PIA - Pump Inboard Axial	.047 In/Sec	.123 G-s
ACN13A - #2 Kettle Xfer Pump N	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.124 In/Sec	1.139 G-s
MOP - Motor Outboard Horz Peakvue	.128 G-s	
MOV - Motor Outboard Vertical	.108 In/Sec	.907 G-s
MOA - Motor Outboard Axial	.112 In/Sec	.900 G-s
MIH - Motor Inboard Horizontal	.127 In/Sec	2.888 G-s
MIP - Motor Inboard Horz Peakvue	.217 G-s	
MIV - Motor Inboard Vertical	.100 In/Sec	1.089 G-s
MIA - Motor Inboard Axial	.122 In/Sec	.987 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.101 In/Sec	.800 G-s
PIP - Pump Inboard Horz Peakvue	.118 G-s	
PIV - Pump Inboard Vertical	.104 In/Sec	.598 G-s
PIA - Pump Inboard Axial	.109 In/Sec	.451 G-s
ACN16 - ACH Scrub Circ PumpN	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.240 In/Sec	.231 G-s
MOP - Motor Outboard Horz Peakvue	.077 G-s	
MOV - Motor Outboard Vertical	.040 In/Sec	.112 G-s
MOA - Motor Outboard Axial	.113 In/Sec	.098 G-s
MIH - Motor Inboard Horizontal	.095 In/Sec	.307 G-s
MIP - Motor Inboard Horz Peakvue	.161 G-s	
MIV - Motor Inboard Vertical	.059 In/Sec	.260 G-s
MIA - Motor Inboard Axial	.104 In/Sec	.084 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.131 In/Sec	.452 G-s
PIP - Pump Inboard Horz Peakvue	.329 G-s	
PIV - Pump Inboard Vertical	.093 In/Sec	.150 G-s
PIA - Pump Inboard Axial	.107 In/Sec	.148 G-s

* POV - Pump Outboard Vertical	.132 In/Sec	.412 G-s
* POA - Pump Outboard Axial	.202 In/Sec	.396 G-s

AC17 - Carrier Ref Unit

(06-Jan-21)

OVERALL LEVEL

1K-20kHz

MOH - Motor Outboard Horizontal	.020 In/Sec	.272 G-s
MOP - Motor Outboard Horz Peakvue	.034 G-s	
MOV - Motor Outboard Vertical	.030 In/Sec	.152 G-s
MOA - Motor Outboard Axial	.030 In/Sec	.102 G-s
MIH - Motor Inboard Horizontal	.027 In/Sec	.240 G-s
MIP - Motor Inboard Horz Peakvue	.046 G-s	
MIV - Motor Inboard Vertical	.027 In/Sec	.075 G-s
MIA - Motor Inboard Axial	.024 In/Sec	.054 G-s
IIH - Inboard Input Horizontal	.171 In/Sec	
IIP - Input Inboard Horizontal PK	1.502 G-s	
IIV - Inboard Input Vertical	.150 In/Sec	
IIA - Inboard Input Axial	.077 In/Sec	
OOH - Output Outboard Horizontal	.156 In/Sec	
OOP - Output Outboard Horizontal PK	2.286 G-s	
OOV - Output Outboard Vertical	.163 In/Sec	
OOA - Output Outboard Axial	.072 In/Sec	
CIH - Compressor Inboard Horizontal	.090 In/Sec	
CIP - Compressor Inboard Horz Peakvue	.534 G-s	
CIV - Compressor Inboard Vertical	.113 In/Sec	
CIA - Compressor Inboard Axial	.090 In/Sec	
COH - Compressor Outboard Horizontal	.045 In/Sec	
COP - Compressor Outboard Horz Peakvue	.307 G-s	
COV - Compressor Outboard Vertical	.051 In/Sec	
COA - Compressor Outboard Axial	.046 In/Sec	

ACN17DP - DP Comp

(06-Jan-21)

OVERALL LEVEL

21 - ACH Motor CPL	.031 Mils
22 - ACH GB CPL	.121 Mils
27 - ACH CMP MTR	.014 Mils
23 - ACH CMP CPL	.068 Mils
24 - ACH CMP OB	.027 Mils

ACN28A - ACN Fan W

(06-Jan-21)

OVERALL LEVEL

1K-20kHz

MOH - Motor Outboard Horizontal	.125 In/Sec	.503 G-s
MOP - Motor Outboard Horz Peakvue	.167 G-s	
MOV - Motor Outboard Vertical	.202 In/Sec	.305 G-s
MOA - Motor Outboard Axial	.163 In/Sec	.193 G-s
MIH - Motor Inboard Horizontal	.216 In/Sec	1.185 G-s
MIP - Motor Inboard Horz Peakvue	.281 G-s	
MIV - Motor Inboard Vertical	.177 In/Sec	.609 G-s
MIA - Motor Inboard Axial	.158 In/Sec	.460 G-s

ACN28BDP - Cooling Twr Fan E

(06-Jan-21)

OVERALL LEVEL

26 - CT Fan 2 E	.027 Mils
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ACN28ADP - Cooling Twr Fan W

(06-Jan-21)

OVERALL LEVEL

28 - CT Fan 1 W	.234 Mils
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ACN29B	- ACN Cool Twr Pump M	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.039 In/Sec	1.165 G-s
MOP - Motor Outboard Horz Peakvue		.611 G-s	
MOV - Motor Outboard Vertical		.063 In/Sec	.279 G-s
MOA - Motor Outboard Axial		.065 In/Sec	.238 G-s
MIH - Motor Inboard Horizontal		.040 In/Sec	1.186 G-s
MIP - Motor Inboard Horz Peakvue		.476 G-s	
MIV - Motor Inboard Vertical		.055 In/Sec	.162 G-s
MIA - Motor Inboard Axial		.037 In/Sec	.171 G-s
		OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal		.122 In/Sec	.619 G-s
PIP - Pump Inboard Horz Peakvue		.366 G-s	
PIV - Pump Inboard Vertical		.098 In/Sec	.239 G-s
PIA - Pump Inboard Axial		.124 In/Sec	.231 G-s
POH - Pump Outboard Horizontal		.099 In/Sec	.652 G-s
POP - Pump Outboard Horz Peakvue		.243 G-s	
POV - Pump Outboard Vertical		.080 In/Sec	.195 G-s
POA - Pump Outboard Axial		.183 In/Sec	.213 G-s
ACN29C	- ACN Cool Twr Pump S	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.047 In/Sec	.556 G-s
MOP - Motor Outboard Horz Peakvue		.199 G-s	
MOV - Motor Outboard Vertical		.102 In/Sec	.186 G-s
MOA - Motor Outboard Axial		.106 In/Sec	.160 G-s
MIH - Motor Inboard Horizontal		.040 In/Sec	.687 G-s
MIP - Motor Inboard Horz Peakvue		.256 G-s	
MIV - Motor Inboard Vertical		.065 In/Sec	.500 G-s
MIA - Motor Inboard Axial		.040 In/Sec	.394 G-s
		OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal		.138 In/Sec	1.122 G-s
PIP - Pump Inboard Horz Peakvue		.671 G-s	
PIV - Pump Inboard Vertical		.137 In/Sec	.456 G-s
PIA - Pump Inboard Axial		.109 In/Sec	.390 G-s
POH - Pump Outboard Horizontal		.088 In/Sec	1.650 G-s
POP - Pump Outboard Horz Peakvue		.419 G-s	
POV - Pump Outboard Vertical		.097 In/Sec	.544 G-s
POA - Pump Outboard Axial		.113 In/Sec	.378 G-s
ACN30	- ACH Scrubber Xfer Pmp	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.059 In/Sec	.280 G-s
MOP - Motor Outboard Horz Peakvue		.163 G-s	
MOV - Motor Outboard Vertical		.069 In/Sec	.188 G-s
MOA - Motor Outboard Axial		.131 In/Sec	.117 G-s
MIH - Motor Inboard Horizontal		.075 In/Sec	.577 G-s
MIP - Motor Inboard Horz Peakvue		.379 G-s	
MIV - Motor Inboard Vertical		.117 In/Sec	.144 G-s
MIA - Motor Inboard Axial		.102 In/Sec	.149 G-s
		OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal		.049 In/Sec	.093 G-s
PIP - Pump Inboard Horz Peakvue		.054 G-s	
PIV - Pump Inboard Vertical		.073 In/Sec	.073 G-s
PIA - Pump Inboard Axial		.080 In/Sec	.098 G-s
ACN36	- ACH Neut Tank Circ Pmp	(06-Jan-21)	

	OVERALL LEVEL	1K-20kHz
MIH - Motor Inboard Horizontal	.096 In/Sec	1.574 G-s
MIP - Motor Inboard Horz Peakvue	.487 G-s	
MIV - Motor Inboard Vertical	.093 In/Sec	.544 G-s
MIA - Motor Inboard Axial	.102 In/Sec	.202 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.469 In/Sec	.277 G-s
PIP - Pump Inboard Horz Peakvue	.072 G-s	
PIV - Pump Inboard Vertical	.321 In/Sec	.393 G-s
PIA - Pump Inboard Axial	.782 In/Sec	.222 G-s
ACN44 - ACN Ref Unit Booster #3	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.072 In/Sec	.576 G-s
MOP - Motor Outboard Horz Peakvue	.074 G-s	
MOV - Motor Outboard Vertical	.054 In/Sec	.180 G-s
MOA - Motor Outboard Axial	.109 In/Sec	.160 G-s
MIH - Motor Inboard Horizontal	.107 In/Sec	.241 G-s
MIP - Motor Inboard Horz Peakvue	.048 G-s	
MIV - Motor Inboard Vertical	.083 In/Sec	.124 G-s
MIA - Motor Inboard Axial	.104 In/Sec	.150 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.101 In/Sec	1.227 G-s
PIP - Pump Inboard Horz Peakvue	.632 G-s	
PIV - Pump Inboard Vertical	.157 In/Sec	.570 G-s
PIA - Pump Inboard Axial	.129 In/Sec	.497 G-s
POH - Pump Outboard Horizontal	.065 In/Sec	.486 G-s
POP - Pump Outboard Horz Peakvue	.166 G-s	
POV - Pump Outboard Vertical	.118 In/Sec	.271 G-s
POA - Pump Outboard Axial	.128 In/Sec	.161 G-s
MON 32A - ARC Reflux Pmp N	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
M1V - Motor Outboard Vertical	.156 In/Sec	.214 G-s
M1A - Motor Outboard Axial	.105 In/Sec	.093 G-s
M2H - Motor Inboard Horizontal	.035 In/Sec	.298 G-s
M2P - Motor Inboard Horz Peakvue	.046 G-s	
M2V - Motor Inboard Vertical	.050 In/Sec	.151 G-s
M2A - Motor Inboard Axial	.098 In/Sec	.179 G-s
	OVERALL LEVEL	1K-20KHz
P1H - Pump Inboard Horizontal	.050 In/Sec	.353 G-s
P1P - Pump Inboard Horz Peakvue	.025 G-s	
P1V - Pump Inboard Vertical	.275 In/Sec	.182 G-s
P1A - Pump Inboard Axial	.085 In/Sec	.168 G-s
P2H - Pump Outboard Horizontal	.064 In/Sec	.436 G-s
P2P - Pump Outboard Horz Peakvue	.106 G-s	
P2V - Pump Outboard Vertical	.197 In/Sec	.303 G-s
P2A - Pump Outboard Axial	.069 In/Sec	.290 G-s
	OVERALL LEVEL	1K-20kHz
M1H - Motor Outboard Horizontal	.054 In/Sec	.480 G-s
M1P - Motor Outboard Horz Peakvue	.182 G-s	
MON36 - Irganox Mix/Feed Pump	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.064 In/Sec	.210 G-s
MOP - Motor Outboard Horz Peakvue	.055 G-s	
MOV - Motor Outboard Vertical	.044 In/Sec	.145 G-s

MOA - Motor Outboard Axial	.051 In/Sec	.300 G-s
* MIH - Motor Inboard Horizontal	.059 In/Sec	.263 G-s
* MIP - Motor Inboard Horz Peakvue	.185 G-s	
* MIV - Motor Inboard Vertical	.050 In/Sec	.388 G-s
* MIA - Motor Inboard Axial	.053 In/Sec	.378 G-s
IIH - Input Shaft Inboard Horizontal	.061 In/Sec	
IIP - Input Shaft Inboard Horz Peakvue	.190 G-s	
IIV - Input Shaft Inboard Vertical	.044 In/Sec	
IIA - Input Shaft Inboard Axial	.044 In/Sec	
	OVERALL LEVEL	1K-20KHz
POH - Pump Outboard Horizontal	.071 In/Sec	.424 G-s
POP - Pump Outboard Horz Peakvue	.270 G-s	
POV - Pump Outboard Vertical	.070 In/Sec	.696 G-s
POA - Pump Outboard Axial	.103 In/Sec	.853 G-s
MON38A - LBS Reflux Pmp S (06-Jan-21)		
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.052 In/Sec	.140 G-s
MOP - Motor Outboard Horz Peakvue	.026 G-s	
MOV - Motor Outboard Vertical	.038 In/Sec	.064 G-s
MOA - Motor Outboard Axial	.061 In/Sec	.040 G-s
MIH - Motor Inboard Horizontal	.045 In/Sec	.395 G-s
MIP - Motor Inboard Horz Peakvue	.068 G-s	
MIV - Motor Inboard Vertical	.051 In/Sec	.111 G-s
MIA - Motor Inboard Axial	.037 In/Sec	.063 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.053 In/Sec	.836 G-s
PIP - Pump Inboard Horz Peakvue	.198 G-s	
PIV - Pump Inboard Vertical	.056 In/Sec	.562 G-s
PIA - Pump Inboard Axial	.065 In/Sec	.504 G-s
MON38B - LBS Reflux Pmp N (06-Jan-21)		
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.065 In/Sec	.530 G-s
MOP - Motor Outboard Horz Peakvue	.167 G-s	
MOV - Motor Outboard Vertical	.114 In/Sec	.153 G-s
MOA - Motor Outboard Axial	.039 In/Sec	.159 G-s
MIH - Motor Inboard Horizontal	.058 In/Sec	.420 G-s
MIP - Motor Inboard Horz Peakvue	.118 G-s	
MIV - Motor Inboard Vertical	.100 In/Sec	.136 G-s
MIA - Motor Inboard Axial	.041 In/Sec	.116 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.094 In/Sec	.618 G-s
PIP - Pump Inboard Horz Peakvue	.086 G-s	
PIV - Pump Inboard Vertical	.105 In/Sec	.363 G-s
PIA - Pump Inboard Axial	.112 In/Sec	.252 G-s
MON38CNM - LBS Tails Pump N (06-Jan-21)		
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.087 In/Sec	.758 G-s
MOP - Motor Outboard Horz Peakvue	.211 G-s	
MOV - Motor Outboard Vertical	.093 In/Sec	.403 G-s
MOA - Motor Outboard Axial	.072 In/Sec	.248 G-s
MIH - Motor Inboard Horizontal	.084 In/Sec	1.143 G-s
MIP - Motor Inboard Horz Peakvue	.187 G-s	
MIV - Motor Inboard Vertical	.094 In/Sec	.348 G-s
MIA - Motor Inboard Axial	.090 In/Sec	.279 G-s

	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.222 In/Sec	1.163 G-s
PIP - Pump Inboard Horz Peakvue	.194 G-s	
PIV - Pump Inboard Vertical	.087 In/Sec	.618 G-s
PIA - Pump Inboard Axial	.082 In/Sec	.431 G-s
MON38CSM - LBS Tails Pump S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.077 In/Sec	.417 G-s
MOP - Motor Outboard Horz Peakvue	.082 G-s	
MOV - Motor Outboard Vertical	.048 In/Sec	.169 G-s
MOA - Motor Outboard Axial	.071 In/Sec	.244 G-s
MIH - Motor Inboard Horizontal	.097 In/Sec	.974 G-s
MIP - Motor Inboard Horz Peakvue	.153 G-s	
MIV - Motor Inboard Vertical	.085 In/Sec	.147 G-s
MIA - Motor Inboard Axial	.069 In/Sec	.209 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.089 In/Sec	.316 G-s
PIP - Pump Inboard Horz Peakvue	.069 G-s	
PIV - Pump Inboard Vertical	.096 In/Sec	.235 G-s
PIA - Pump Inboard Axial	.060 In/Sec	.137 G-s
MON40 - Acetone Pump	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.029 In/Sec	.660 G-s
MOP - Motor Outboard Horz Peakvue	.114 G-s	
MOV - Motor Outboard Vertical	.047 In/Sec	.446 G-s
MOA - Motor Outboard Axial	.049 In/Sec	.628 G-s
MIH - Motor Inboard Horizontal	.034 In/Sec	.727 G-s
MIP - Motor Inboard Horz Peakvue	.139 G-s	
MIV - Motor Inboard Vertical	.056 In/Sec	.168 G-s
MIA - Motor Inboard Axial	.018 In/Sec	.103 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.128 In/Sec	.915 G-s
PIP - Pump Inboard Horz Peakvue	.125 G-s	
PIV - Pump Inboard Vertical	.099 In/Sec	.575 G-s
PIA - Pump Inboard Axial	.086 In/Sec	.493 G-s
MON43A - Amide Reactor Circ Pmp #1N	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.103 In/Sec	.841 G-s
MOP - Motor Outboard Horz Peakvue	.071 G-s	
MOV - Motor Outboard Vertical	.091 In/Sec	.192 G-s
MOA - Motor Outboard Axial	.105 In/Sec	.070 G-s
MIH - Motor Inboard Horizontal	.080 In/Sec	.307 G-s
MIP - Motor Inboard Horz Peakvue	.021 G-s	
MIV - Motor Inboard Vertical	.124 In/Sec	.086 G-s
MIA - Motor Inboard Axial	.116 In/Sec	.128 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.256 In/Sec	.363 G-s
PIP - Pump Inboard Horz Peakvue	.279 G-s	
PIV - Pump Inboard Vertical	.206 In/Sec	.202 G-s
PIA - Pump Inboard Axial	.211 In/Sec	.155 G-s
MON43B - Amide Reactor Circ Pmp #2S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.128 In/Sec	.478 G-s

MOP - Motor Outboard Horz Peakvue	.069 G-s	
MOV - Motor Outboard Vertical	.114 In/Sec	.212 G-s
MOA - Motor Outboard Axial	.120 In/Sec	.142 G-s
MIH - Motor Inboard Horizontal	.110 In/Sec	.104 G-s
MIP - Motor Inboard Horz Peakvue	.016 G-s	
MIV - Motor Inboard Vertical	.149 In/Sec	.023 G-s
MIA - Motor Inboard Axial	.068 In/Sec	.025 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.279 In/Sec	.258 G-s
PIP - Pump Inboard Horz Peakvue	.130 G-s	
PIV - Pump Inboard Vertical	.167 In/Sec	.301 G-s
PIA - Pump Inboard Axial	.182 In/Sec	.191 G-s
MON45WM - ACH Ref Brine Pump W	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.041 In/Sec	2.283 G-s
MOP - Motor Outboard Horz Peakvue	.580 G-s	
MOV - Motor Outboard Vertical	.120 In/Sec	.828 G-s
MOA - Motor Outboard Axial	.094 In/Sec	.283 G-s
MIH - Motor Inboard Horizontal	.045 In/Sec	1.561 G-s
MIP - Motor Inboard Horz Peakvue	.705 G-s	
MIV - Motor Inboard Vertical	.084 In/Sec	.800 G-s
MIA - Motor Inboard Axial	.096 In/Sec	.516 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.170 In/Sec	.840 G-s
PIP - Pump Inboard Horz Peakvue	.486 G-s	
PIV - Pump Inboard Vertical	.085 In/Sec	.432 G-s
PIA - Pump Inboard Axial	.082 In/Sec	.342 G-s
POH - Pump Outboard Horizontal	.089 In/Sec	1.149 G-s
POP - Pump Outboard Horz Peakvue	.685 G-s	
POV - Pump Outboard Vertical	.069 In/Sec	.475 G-s
POA - Pump Outboard Axial	.072 In/Sec	.332 G-s
MON50 - Decanter Feed Pump	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.057 In/Sec	.405 G-s
MOP - Motor Outboard Horz Peakvue	.068 G-s	
MOV - Motor Outboard Vertical	.082 In/Sec	.277 G-s
MOA - Motor Outboard Axial	.108 In/Sec	.154 G-s
MIH - Motor Inboard Horizontal	.064 In/Sec	.508 G-s
MIP - Motor Inboard Horz Peakvue	.068 G-s	
MIV - Motor Inboard Vertical	.095 In/Sec	.285 G-s
MIA - Motor Inboard Axial	.122 In/Sec	.092 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.265 In/Sec	1.070 G-s
PIP - Pump Inboard Horz Peakvue	.378 G-s	
PIV - Pump Inboard Vertical	.160 In/Sec	.429 G-s
PIA - Pump Inboard Axial	.180 In/Sec	.873 G-s
MON 51 - WCM Tails Swing/Spare Pmp	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
M1H - Motor Outboard Horizontal	.083 In/Sec	.495 G-s
M1P - Motor Outboard Horz Peakvue	.022 G-s	
M1V - Motor Outboard Vertical	.038 In/Sec	.208 G-s
M1A - Motor Outboard Axial	.040 In/Sec	.191 G-s
M2H - Motor Inboard Horizontal	.091 In/Sec	1.003 G-s
M2P - Motor Inboard Horz Peakvue	.082 G-s	

M2V - Motor Inboard Vertical	.034 In/Sec	.403 G-s
M2A - Motor Inboard Axial	.038 In/Sec	.277 G-s
	OVERALL LEVEL	1K-20KHz
P1H - Pump Inboard Horizontal	.116 In/Sec	.121 G-s
P1P - Pump Inboard Horz Peakvue	.0091 G-s	
P1V - Pump Inboard Vertical	.064 In/Sec	.102 G-s
P1A - Pump Inboard Axial	.069 In/Sec	.100 G-s
P2H - Pump Outboard Horizontal	.111 In/Sec	.143 G-s
P2P - Pump Outboard Horz Peakvue	.012 G-s	
P2V - Pump Outboard Vertical	.059 In/Sec	.154 G-s
P2A - Pump Outboard Axial	.093 In/Sec	.085 G-s
MON55NM - HUT Pump N	(06-Jan-21)	
	OVERALL LEVEL	1K-20KHz
MOH - Motor Outboard Horizontal	.031 In/Sec	.335 G-s
MOP - Motor Outboard Horz Peakvue	.191 G-s	
MOV - Motor Outboard Vertical	.044 In/Sec	.161 G-s
MOA - Motor Outboard Axial	.035 In/Sec	.130 G-s
MIH - Motor Inboard Horizontal	.032 In/Sec	.507 G-s
MIP - Motor Inboard Horz Peakvue	.311 G-s	
MIT - Motor Inboard Vertical	.044 In/Sec	.299 G-s
MIA - Motor Inboard Axial	.026 In/Sec	.260 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.256 In/Sec	.300 G-s
PIP - Pump Inboard Horz Peakvue	.172 G-s	
PIV - Pump Inboard Vertical	.172 In/Sec	.124 G-s
PIA - Pump Inboard Axial	.139 In/Sec	.086 G-s
POH - Pump Outboard Horizontal	.106 In/Sec	.511 G-s
POP - Pump Outboard Horz Peakvue	.294 G-s	
POV - Pump Outboard Vertical	.113 In/Sec	.106 G-s
POA - Pump Outboard Axial	.122 In/Sec	.108 G-s
MON56 - Inhibited Mon Xfer Pump E	(06-Jan-21)	
	OVERALL LEVEL	1K-20KHz
MOH - Motor Outboard Horizontal	.075 In/Sec	.250 G-s
MOP - Motor Outboard Horz Peakvue	.057 G-s	
MOV - Motor Outboard Vertical	.064 In/Sec	.061 G-s
MOA - Motor Outboard Axial	.123 In/Sec	.127 G-s
MIH - Motor Inboard Horizontal	.110 In/Sec	.399 G-s
MIP - Motor Inboard Horz Peakvue	.096 G-s	
MIT - Motor Inboard Vertical	.077 In/Sec	.144 G-s
MIA - Motor Inboard Axial	.123 In/Sec	.127 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.291 In/Sec	.837 G-s
PIP - Pump Inboard Horz Peakvue	.136 G-s	
PIV - Pump Inboard Vertical	.277 In/Sec	.589 G-s
PIA - Pump Inboard Axial	.405 In/Sec	.397 G-s
MON 63E - LBS Side Stream Pump E	(06-Jan-21)	
	OVERALL LEVEL	1K-20KHz
M1H - Motor Outboard Horizontal	.083 In/Sec	.936 G-s
M1P - Motor Outboard Horz Peakvue	.016 G-s	
M1V - Motor Outboard Vertical	.120 In/Sec	.254 G-s
M1A - Motor Outboard Axial	.119 In/Sec	.303 G-s
M2H - Motor Inboard Horizontal	.097 In/Sec	1.407 G-s
M2P - Motor Inboard Horz Peakvue	.055 G-s	
M2V - Motor Inboard Vertical	.087 In/Sec	.369 G-s

M2A - Motor Inboard Axial	.168 In/Sec	.320 G-s
	OVERALL LEVEL	1K-20KHz
P1H - Pump Inboard Horizontal	.263 In/Sec	.511 G-s
P1P - Pump Inboard Horz Peakvue	.038 G-s	
P1V - Pump Inboard Vertical	.119 In/Sec	.389 G-s
P1A - Pump Inboard Axial	.110 In/Sec	.187 G-s
MON 63W - LBS Side Stream Pump W	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
M1H - Motor Outboard Horizontal	.084 In/Sec	.904 G-s
M1P - Motor Outboard Horz Peakvue	.029 G-s	
M1V - Motor Outboard Vertical	.095 In/Sec	.625 G-s
M1A - Motor Outboard Axial	.093 In/Sec	.803 G-s
M2H - Motor Inboard Horizontal	.059 In/Sec	.822 G-s
M2P - Motor Inboard Horz Peakvue	.083 G-s	
M2V - Motor Inboard Vertical	.100 In/Sec	.259 G-s
M2A - Motor Inboard Axial	.079 In/Sec	.299 G-s
	OVERALL LEVEL	1K-20KHz
P1H - Pump Inboard Horizontal	.233 In/Sec	.510 G-s
P1P - Pump Inboard Horz Peakvue	.178 G-s	
P1V - Pump Inboard Vertical	.104 In/Sec	.628 G-s
P1A - Pump Inboard Axial	.111 In/Sec	.440 G-s
MON65 - Amide Reactor Circ Primary	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.186 In/Sec	.436 G-s
MOP - Motor Outboard Horz Peakvue	.265 G-s	
MOV - Motor Outboard Vertical	.318 In/Sec	.151 G-s
MOA - Motor Outboard Axial	.100 In/Sec	.118 G-s
MIH - Motor Inboard Horizontal	.157 In/Sec	.942 G-s
MIP - Motor Inboard Horz Peakvue	.603 G-s	
MIV - Motor Inboard Vertical	.275 In/Sec	.165 G-s
MIA - Motor Inboard Axial	.095 In/Sec	.131 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.127 In/Sec	.520 G-s
PIP - Pump Inboard Horz Peakvue	.328 G-s	
PIV - Pump Inboard Vertical	.132 In/Sec	.117 G-s
PIA - Pump Inboard Axial	.079 In/Sec	.097 G-s
MON67SM - PTZ Xfer Pump S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.101 In/Sec	.596 G-s
MOP - Motor Outboard Horz Peakvue	.063 G-s	
MOV - Motor Outboard Vertical	.090 In/Sec	.199 G-s
MOA - Motor Outboard Axial	.075 In/Sec	.272 G-s
MIH - Motor Inboard Horizontal	.112 In/Sec	.809 G-s
MIP - Motor Inboard Horz Peakvue	.067 G-s	
MIV - Motor Inboard Vertical	.050 In/Sec	.478 G-s
MIA - Motor Inboard Axial	.088 In/Sec	.164 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.046 In/Sec	.505 G-s
PIP - Pump Inboard Horz Peakvue	.161 G-s	
PIV - Pump Inboard Vertical	.043 In/Sec	.266 G-s
PIA - Pump Inboard Axial	.041 In/Sec	.265 G-s
MON68A - #1 Reactor H2O Circ Pump	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz

MOH - Motor Outboard Horizontal	.084 In/Sec	.422 G-s
MOP - Motor Outboard Horz Peakvue	.133 G-s	
MOV - Motor Outboard Vertical	.044 In/Sec	.202 G-s
MOA - Motor Outboard Axial	.048 In/Sec	.068 G-s
MIH - Motor Inboard Horizontal	.065 In/Sec	.196 G-s
MIP - Motor Inboard Horz Peakvue	.064 G-s	
MIV - Motor Inboard Vertical	.047 In/Sec	.047 G-s
MIA - Motor Inboard Axial	.068 In/Sec	.032 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.047 In/Sec	.188 G-s
PIP - Pump Inboard Horz Peakvue	.097 G-s	
PIV - Pump Inboard Vertical	.039 In/Sec	.188 G-s
PIA - Pump Inboard Axial	.046 In/Sec	.143 G-s

MON73W - Skim Tub Xfer Pmp W	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.036 In/Sec	.343 G-s
MOP - Motor Outboard Horz Peakvue	.124 G-s	
MOV - Motor Outboard Vertical	.027 In/Sec	.432 G-s
MOA - Motor Outboard Axial	.044 In/Sec	.267 G-s
MIH - Motor Inboard Horizontal	.035 In/Sec	.438 G-s
MIP - Motor Inboard Horz Peakvue	.197 G-s	
MIV - Motor Inboard Vertical	.028 In/Sec	.295 G-s
MIA - Motor Inboard Axial	.045 In/Sec	.206 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.041 In/Sec	.066 G-s
PIP - Pump Inboard Horz Peakvue	.037 G-s	
PIV - Pump Inboard Vertical	.027 In/Sec	.074 G-s
PIA - Pump Inboard Axial	.024 In/Sec	.068 G-s

MON81 - Uninhibited Mon Tank Pump S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.056 In/Sec	.438 G-s
MOP - Motor Outboard Horz Peakvue	.0068 G-s	
MOV - MotorOutboard Vertical	.038 In/Sec	.070 G-s
MOA - Motor Outboard Axial	.028 In/Sec	.072 G-s
MIH - Motor Inboard Horizontal	.067 In/Sec	.457 G-s
MIP - Motor Inboard Horz Peakvue	.014 G-s	
MIV - Motor Inboard Vertical	.055 In/Sec	.114 G-s
MIA - Motor Inboard Axial	.049 In/Sec	.064 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.133 In/Sec	.471 G-s
PIP - Pump Inboard Horz Peakvue	.045 G-s	
PIV - Pump Inboard Vertical	.104 In/Sec	.374 G-s
PIA - Pump Inboard Axial	.127 In/Sec	.377 G-s

MON80 - Uninhibited Mon Tank Pump N	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.063 In/Sec	.263 G-s
MOP - Motor Outboard Horz Peakvue	.013 G-s	
MOV - MotorOutboard Vertical	.115 In/Sec	.380 G-s
MOA - Motor Outboard Axial	.224 In/Sec	.471 G-s
MIH - Motor Inboard Horizontal	.110 In/Sec	.247 G-s
MIP - Motor Inboard Horz Peakvue	.0063 G-s	
MIV - Motor Inboard Vertical	.195 In/Sec	.220 G-s
MIA - Motor Inboard Axial	.205 In/Sec	.051 G-s
	OVERALL LEVEL	1K-20KHz

PIH - Pump Inboard Horizontal	.149 In/Sec	.078 G-s
PIP - Pump Inboard Horz Peakvue	.0029 G-s	
PIV - Pump Inboard Vertical	.064 In/Sec	.247 G-s
PIA - Pump Inboard Axial	.040 In/Sec	.076 G-s
POH - Pump Outboard Horizontal	.100 In/Sec	.078 G-s
POP - Pump Outboard Horz Peakvue	.0018 G-s	
POV - Pump Outboard Vertical	.054 In/Sec	.066 G-s
POA - Pump Outboard Axial	.045 In/Sec	.040 G-s
MON84 - WCM Tails Pump S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.085 In/Sec	1.537 G-s
MOP - Motor Outboard Horz Peakvue	.0078 G-s	
MOV - Motor Outboard Vertical	.108 In/Sec	.271 G-s
MOA - Motor Outboard Axial	.148 In/Sec	.078 G-s
MIH - Motor Inboard Horizontal	.068 In/Sec	.734 G-s
MIP - Motor Inboard Horz Peakvue	.019 G-s	
MIV - Motor Inboard Vertical	.117 In/Sec	.145 G-s
MIA - Motor Inboard Axial	.112 In/Sec	.056 G-s
	OVERALL LEVEL	1K-20kHz
PIH - Pump Inboard Horizontal	.116 In/Sec	.450 G-s
PIP - Pump Inboard Horz Peakvue	.045 G-s	
PIV - Pump Inboard Vertical	.117 In/Sec	.246 G-s
PIA - Pump Inboard Axial	.118 In/Sec	.267 G-s
MON85E - Water Treatment Pmp E	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.142 In/Sec	.546 G-s
MOP - Motor Outboard Horz Peakvue	.173 G-s	
MOV - Motor Outboard Vertical	.103 In/Sec	.197 G-s
MOA - Motor Outboard Axial	.119 In/Sec	.117 G-s
MIH - Motor Inboard Horizontal	.125 In/Sec	.367 G-s
MIP - Motor Inboard Horz Peakvue	.105 G-s	
MIV - Motor Inboard Vertical	.205 In/Sec	.116 G-s
MIA - Motor Inboard Axial	.128 In/Sec	.090 G-s
	OVERALL LEVEL	1K-20kHz
PIH - Pump Inboard Horizontal	.305 In/Sec	.822 G-s
PIP - Pump Inboard Horz Peakvue	.422 G-s	
PIV - Pump Inboard Vertical	.164 In/Sec	.529 G-s
PIA - Pump Inboard Axial	.175 In/Sec	.379 G-s
MON85W - Water Treatment Pmp W	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.112 In/Sec	.445 G-s
MOP - Motor Outboard Horz Peakvue	.127 G-s	
MOV - Motor Outboard Vertical	.140 In/Sec	.167 G-s
MOA - Motor Outboard Axial	.124 In/Sec	.098 G-s
MIH - Motor Inboard Horizontal	.117 In/Sec	.415 G-s
MIP - Motor Inboard Horz Peakvue	.254 G-s	
MIV - Motor Inboard Vertical	.117 In/Sec	.324 G-s
MIA - Motor Inboard Axial	.114 In/Sec	.174 G-s
	OVERALL LEVEL	1K-20kHz
PIH - Pump Inboard Horizontal	.141 In/Sec	.703 G-s
PIP - Pump Inboard Horz Peakvue	.442 G-s	
PIV - Pump Inboard Vertical	.134 In/Sec	.520 G-s
PIA - Pump Inboard Axial	.127 In/Sec	.334 G-s

MON118	- Tempered H2O Pmp	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.052 In/Sec	.256 G-s
MOP - Motor Outboard Horz Peakvue		.124 G-s	
MOV - Motor Outboard Vertical		.055 In/Sec	.085 G-s
MOA - Motor Outboard Axial		.068 In/Sec	.035 G-s
MIH - Motor Inboard Horizontal		.054 In/Sec	.142 G-s
MIP - Motor Inboard Horz Peakvue		.076 G-s	
MIV - Motor Inboard Vertical		.030 In/Sec	.080 G-s
MIA - Motor Inboard Axial		.050 In/Sec	.041 G-s
		OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal		.043 In/Sec	.049 G-s
PIP - Pump Inboard Horz Peakvue		.030 G-s	
PIV - Pump Inboard Vertical		.026 In/Sec	.025 G-s
PIA - Pump Inboard Axial		.038 In/Sec	.022 G-s
POH - Pump Outboard Horizontal		.038 In/Sec	.064 G-s
POP - Pump Outboard Horz Peakvue		.043 G-s	
POV - Pump Outboard Vertical		.027 In/Sec	.022 G-s
POA - Pump Outboard Axial		.036 In/Sec	.017 G-s
MON168	- A/B Booster Pump E	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.481 In/Sec	.276 G-s
MOP - Motor Outboard Horz Peakvue		.124 G-s	
MOV - Motor Outboard Vertical		.046 In/Sec	.106 G-s
MOA - Motor Outboard Axial		.212 In/Sec	.079 G-s
MIH - Motor Inboard Horizontal		.365 In/Sec	.238 G-s
MIP - Motor Inboard Horz Peakvue		.144 G-s	
MIV - Motor Inboard Vertical		.076 In/Sec	.177 G-s
MIA - Motor Inboard Axial		.313 In/Sec	.183 G-s
		OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal		.352 In/Sec	.148 G-s
PIP - Pump Inboard Horz Peakvue		.096 G-s	
PIV - Pump Inboard Vertical		.088 In/Sec	.068 G-s
PIA - Pump Inboard Axial		.195 In/Sec	.065 G-s
SAR03	- Turb Comp Main Blower	(06-Jan-21)	
		OVERALL LEVEL	
5 - Turbine CPL X		.372 Mils	
6 - Turbine CPL Y		.383 Mils	
7 - Turbine Gov X		.186 Mils	
8 - Turbine Gov Y		.265 Mils	
9 - Blwr IB X		.489 Mils	
10 - Blwr IB Y		.388 Mils	
11 - Blwr OB X		1.456 Mils	
12 - Blwr OB Y		1.488 Mils	
15 - Blwr HSG IB		.041 Mils	
16 - Blwer HSG OB		.067 Mils	
SAR10	- Process Air Fan E	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.366 In/Sec	.397 G-s
MOP - Motor Outboard Horz Peakvue		.210 G-s	
MOV - Motor Outboard Vertical		.055 In/Sec	.308 G-s
MOA - Motor Outboard Axial		.190 In/Sec	.094 G-s
MIH - Motor Inboard Horizontal		.239 In/Sec	.688 G-s
MIP - Motor Inboard Horz Peakvue		.380 G-s	

MIV - Motor Inboard Vertical	.154 In/Sec	.217 G-s
MIA - Motor Inboard Axial	.167 In/Sec	.180 G-s
	OVERALL LEVEL	1K-20KHz
FIH - Fan Inboard Horizontal	.451 In/Sec	4.053 G-s
FIP - Fan Inboard Horz Peakvue	2.391 G-s	
FIV - Fan Inboard Vertical	.230 In/Sec	1.467 G-s
FIA - Fan Inboard Axial	.210 In/Sec	.543 G-s
FOH - Fan Outboard Horizontal	.396 In/Sec	1.772 G-s
FOP - Fan Outboard Horz Peakvue	1.139 G-s	
FOV - Fan Outboard Vertical	.138 In/Sec	1.047 G-s
FOA - Fan Outboard Axial	.197 In/Sec	.624 G-s

SAR11 - Recycle Fan W	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.035 In/Sec	.581 G-s
MOP - Motor Outboard Horz Peakvue	.390 G-s	
MOV - Motor Outboard Vertical	.041 In/Sec	.174 G-s
MOA - Motor Outboard Axial	.043 In/Sec	.154 G-s
MIH - Motor Inboard Horizontal	.023 In/Sec	.519 G-s
MIP - Motor Inboard Horz Peakvue	.353 G-s	
MIV - Motor Inboard Vertical	.042 In/Sec	.178 G-s
MIA - Motor Inboard Axial	.038 In/Sec	.100 G-s
	OVERALL LEVEL	1K-20KHz
FIH - Fan Inboard Horizontal	.017 In/Sec	.011 G-s
FIP - Fan Inboard Horz Peakvue	.0038 G-s	
FIV - Fan Inboard Vertical	.012 In/Sec	.0068 G-s
FIA - Fan Inboard Axial	.019 In/Sec	.0041 G-s
FOH - Fan Outboard Horizontal	.019 In/Sec	.019 G-s
FOP - Fan Outboard Horz Peakvue	.0097 G-s	
FOV - Fan Outboard Vertical	.014 In/Sec	.017 G-s
FOA - Fan Outboard Axial	.018 In/Sec	.0073 G-s

SAR12 - Recycle Fan E	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.198 In/Sec	.839 G-s
MOP - Motor Outboard Horz Peakvue	.109 G-s	
MOV - Motor Outboard Vertical	.162 In/Sec	.356 G-s
MOA - Motor Outboard Axial	.243 In/Sec	.209 G-s
MIH - Motor Inboard Horizontal	.201 In/Sec	1.255 G-s
MIP - Motor Inboard Horz Peakvue	.746 G-s	
MIV - Motor Inboard Vertical	.208 In/Sec	.936 G-s
MIA - Motor Inboard Axial	.219 In/Sec	.420 G-s
	OVERALL LEVEL	1K-20KHz
FIH - Fan Inboard Horizontal	.240 In/Sec	1.092 G-s
FIP - Fan Inboard Horz Peakvue	1.154 G-s	
FIV - Fan Inboard Vertical	.242 In/Sec	.353 G-s
FIA - Fan Inboard Axial	.259 In/Sec	.277 G-s
FOH - Fan Outboard Horizontal	.324 In/Sec	1.730 G-s
FOP - Fan Outboard Horz Peakvue	2.151 G-s	
FOV - Fan Outboard Vertical	.333 In/Sec	.938 G-s
FOA - Fan Outboard Axial	.254 In/Sec	.607 G-s

SAR13 - Combustion Air Fan E	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.075 In/Sec	.885 G-s
MOP - Motor Outboard Horz Peakvue	.449 G-s	
MOV - Motor Outboard Vertical	.063 In/Sec	.401 G-s

MOA - Motor Outboard Axial	.052 In/Sec	.368 G-s
MIH - Motor Inboard Horizontal	.074 In/Sec	.670 G-s
MIP - Motor Inboard Horz Peakvue	.335 G-s	
MIV - Motor Inboard Vertical	.067 In/Sec	.252 G-s
MIA - Motor Inboard Axial	.086 In/Sec	.406 G-s
	OVERALL LEVEL	1K-20KHz
FIH - Fan Inboard Horizontal	.078 In/Sec	.475 G-s
FIP - Fan Inboard Horz Peakvue	.244 G-s	
FIV - Fan Inboard Vertical	.097 In/Sec	.694 G-s
FIA - Fan Inboard Axial	.098 In/Sec	.145 G-s
FOH - Fan Outboard Horizontal	.101 In/Sec	.628 G-s
FOP - Fan Outboard Horz Peakvue	.195 G-s	
FOV - Fan Outboard Vertical	.178 In/Sec	.205 G-s
FOA - Fan Outboard Axial	.315 In/Sec	.221 G-s

SAR14 - Combustion Air Fan W

(06-Jan-21)

	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.098 In/Sec	1.089 G-s
MOP - Motor Outboard Horz Peakvue	.634 G-s	
MOV - Motor Outboard Vertical	.056 In/Sec	.498 G-s
MOA - Motor Outboard Axial	.056 In/Sec	.595 G-s
MIH - Motor Inboard Horizontal	.096 In/Sec	1.700 G-s
MIP - Motor Inboard Horz Peakvue	.972 G-s	
MIV - Motor Inboard Vertical	.077 In/Sec	.938 G-s
MIA - Motor Inboard Axial	.046 In/Sec	.986 G-s
	OVERALL LEVEL	1K-20KHz
FIH - Fan Inboard Horizontal	.094 In/Sec	1.906 G-s
FIP - Fan Inboard Horz Peakvue	1.024 G-s	
FIV - Fan Inboard Vertical	.032 In/Sec	1.014 G-s
FIA - Fan Inboard Axial	.046 In/Sec	.474 G-s
FOH - Fan Outboard Horizontal	.110 In/Sec	1.956 G-s
FOP - Fan Outboard Horz Peakvue	1.094 G-s	
FOV - Fan Outboard Vertical	.045 In/Sec	.923 G-s
FOA - Fan Outboard Axial	.061 In/Sec	.525 G-s

SAR15 - Process Air Fan W

(06-Jan-21)

	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.063 In/Sec	.513 G-s
MOP - Motor Outboard Horz Peakvue	.186 G-s	
MOV - Motor Outboard Vertical	.051 In/Sec	.389 G-s
MOA - Motor Outboard Axial	.057 In/Sec	.326 G-s
MIH - Motor Inboard Horizontal	.054 In/Sec	2.427 G-s
MIP - Motor Inboard Horz Peakvue	.746 G-s	
MIV - Motor Inboard Vertical	.052 In/Sec	.809 G-s
MIA - Motor Inboard Axial	.059 In/Sec	.409 G-s
	OVERALL LEVEL	1K-20KHz
FIH - Fan Inboard Horizontal	.056 In/Sec	.554 G-s
FIP - Fan Inboard Horz Peakvue	.297 G-s	
FIV - Fan Inboard Vertical	.032 In/Sec	.819 G-s
FIA - Fan Inboard Axial	.058 In/Sec	.711 G-s
FOH - Fan Outboard Horizontal	.065 In/Sec	1.771 G-s
FOP - Fan Outboard Horz Peakvue	.960 G-s	
FOV - Fan Outboard Vertical	.058 In/Sec	.932 G-s
FOA - Fan Outboard Axial	.049 In/Sec	.189 G-s

SAR37B - Interpass Twr Circ Pump S

(06-Jan-21)

OVERALL LEVEL	1K-20kHz
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MOH - Motor Outboard Horizontal E-W	.072 In/Sec	1.054 G-s
MOP - Motor Outboard Horz Peakvue	.318 G-s	
MOV - Motor Outboard Vertical N-S	.052 In/Sec	.423 G-s
MOA - Motor Outboard Axial	.096 In/Sec	.403 G-s
MIH - Motor Inboard Horizontal E-W	.058 In/Sec	1.550 G-s
MIP - Motor Inboard Horz Peakvue	.837 G-s	
MIV - Motor Inboard Vertical N-S	.048 In/Sec	.384 G-s
MIA - Motor Inboard Axial	.068 In/Sec	.448 G-s

SAR39A - Boiler Feed H2O Pmp NW

(22-Dec-20)

	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.342 In/Sec	.914 G-s
MOP - Motor Outboard Horz Peakvue	.028 G-s	
MOV - Motor Outboard Vertical	.149 In/Sec	.476 G-s
MOA - Motor Outboard Axial	.547 In/Sec	.181 G-s
MIH - Motor Inboard Horizontal	.358 In/Sec	1.740 G-s
MIP - Motor Inboard Horz Peakvue	.316 G-s	
MIV - Motor Inboard Vertical	.123 In/Sec	.315 G-s
MIA - Motor Inboard Axial	.348 In/Sec	.598 G-s

OVERALL LEVEL

1K-20KHz

PIH - Pump Inboard Horizontal	.224 In/Sec	.516 G-s
PIP - Pump Inboard Horz Peakvue	.052 G-s	
PIV - Pump Inboard Vertical	.147 In/Sec	.188 G-s
PIA - Pump Inboard Axial	.115 In/Sec	.157 G-s
POH - Pump Outboard Horizontal	.217 In/Sec	.741 G-s
POP - Pump Outboard Horz Peakvue	.195 G-s	
POV - Pump Outboard Vertical	.216 In/Sec	.277 G-s
POA - Pump Outboard Axial	.111 In/Sec	.203 G-s

SAR39B - Boiler Feed H2O Pmp SW

(06-Jan-21)

	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.043 In/Sec	.615 G-s
MOP - Motor Outboard Horz Peakvue	.069 G-s	
MOV - Motor Outboard Vertical	.050 In/Sec	.247 G-s
MOA - Motor Outboard Axial	.025 In/Sec	.255 G-s
MIH - Motor Inboard Horizontal	.046 In/Sec	.767 G-s
MIP - Motor Inboard Horz Peakvue	.090 G-s	
MIV - Motor Inboard Vertical	.062 In/Sec	.305 G-s
MIA - Motor Inboard Axial	.073 In/Sec	.292 G-s

OVERALL LEVEL

1K-20KHz

PIH - Pump Inboard Horizontal	.050 In/Sec	.423 G-s
PIP - Pump Inboard Horz Peakvue	.197 G-s	
PIV - Pump Inboard Vertical	.071 In/Sec	.459 G-s
PIA - Pump Inboard Axial	.054 In/Sec	.250 G-s
POH - Pump Outboard Horizontal	.042 In/Sec	.410 G-s
POP - Pump Outboard Horz Peakvue	.160 G-s	
POV - Pump Outboard Vertical	.051 In/Sec	.349 G-s
POA - Pump Outboard Axial	.057 In/Sec	.131 G-s

SAR39D - Boiler Feed H2O Pmp SE

(06-Jan-21)

	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.020 In/Sec	.221 G-s
MOP - Motor Outboard Horz Peakvue	.034 G-s	
MOV - Motor Outboard Vertical	.029 In/Sec	.175 G-s
MOA - Motor Outboard Axial	.055 In/Sec	.098 G-s
MIH - Motor Inboard Horizontal	.067 In/Sec	.624 G-s
MIP - Motor Inboard Horz Peakvue	.062 G-s	

MIV - Motor Inboard Vertical	.049 In/Sec	.381 G-s
MIA - Motor Inboard Axial	.063 In/Sec	.370 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.102 In/Sec	.592 G-s
PIP - Pump Inboard Horz Peakvue	.044 G-s	
PIV - Pump Inboard Vertical	.049 In/Sec	.326 G-s
PIA - Pump Inboard Axial	.111 In/Sec	.252 G-s
POH - Pump Outboard Horizontal	.132 In/Sec	.692 G-s
POP - Pump Outboard Horz Peakvue	.200 G-s	
POV - Pump Outboard Vertical	.193 In/Sec	.340 G-s
POA - Pump Outboard Axial	.216 In/Sec	.180 G-s
SAR50A - Drying Tower Circ Pump W	(28-Sep-20)	
	OVERALL LEVEL	1K-20KHz
* PIV - Pump Inboard Vertical N-S	.129 In/Sec	.0021 G-s
	OVERALL LEVEL	1K-20kHz
* PIA - Pump Inboard Axial	.783 In/Sec	.0024 G-s
SAR50B - Drying Tower Circ Pump E	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.164 In/Sec	1.225 G-s
MOP - Motor Outboard Horz Peakvue	.742 G-s	
MOV - Motor Outboard Vertical	.174 In/Sec	.331 G-s
MOA - Motor Outboard Axial	.185 In/Sec	.360 G-s
MIH - Motor Inboard Horizontal	.112 In/Sec	.552 G-s
MIP - Motor Inboard Horz Peakvue	.282 G-s	
MIV - Motor Inboard Vertical	.134 In/Sec	.210 G-s
MIA - Motor Inboard Axial	.153 In/Sec	.156 G-s
	OVERALL LEVEL	1K-20KHz
* POV - Pump Outboard Vertical	.108 In/Sec	.283 G-s
* POA - Pump Outboard Axial	.192 In/Sec	.208 G-s
SAR55A - Neutralization Pump N	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.072 In/Sec	.933 G-s
MOP - Motor Outboard Horz Peakvue	.238 G-s	
MOV - Motor Outboard Vertical	.155 In/Sec	.288 G-s
MOA - Motor Outboard Axial	.098 In/Sec	.182 G-s
MIH - Motor Inboard Horizontal	.114 In/Sec	3.066 G-s
MIP - Motor Inboard Horz Peakvue	2.078 G-s	
MIV - Motor Inboard Vertical	.156 In/Sec	.526 G-s
MIA - Motor Inboard Axial	.130 In/Sec	.582 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.092 In/Sec	.297 G-s
PIP - Pump Inboard Horz Peakvue	.090 G-s	
PIV - Pump Inboard Vertical	.076 In/Sec	.153 G-s
PIA - Pump Inboard Axial	.047 In/Sec	.155 G-s
SAR55B - Neutralization Pump S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.043 In/Sec	1.149 G-s
MOP - Motor Outboard Horz Peakvue	.253 G-s	
MOV - Motor Outboard Vertical	.145 In/Sec	.480 G-s
MOA - Motor Outboard Axial	.080 In/Sec	.411 G-s
MIH - Motor Inboard Horizontal	.088 In/Sec	1.810 G-s
MIP - Motor Inboard Horz Peakvue	.198 G-s	
MIV - Motor Inboard Vertical	.138 In/Sec	.498 G-s

MIA - Motor Inboard Axial	.067 In/Sec	.349 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.082 In/Sec	.161 G-s
PIP - Pump Inboard Horz Peakvue	.056 G-s	
PIV - Pump Inboard Vertical	.103 In/Sec	.091 G-s
PIA - Pump Inboard Axial	.033 In/Sec	.141 G-s
SAR59A - Scrub Twr Circ Pmp W	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.034 In/Sec	.299 G-s
MOP - Motor Outboard Horz Peakvue	.149 G-s	
MOV - Motor Outboard Vertical	.049 In/Sec	.147 G-s
MOA - Motor Outboard Axial	.036 In/Sec	.272 G-s
MIH - Motor Inboard Horizontal	.030 In/Sec	.363 G-s
MIP - Motor Inboard Horz Peakvue	.216 G-s	
MIV - Motor Inboard Vertical	.038 In/Sec	.182 G-s
MIA - Motor Inboard Axial	.038 In/Sec	.164 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.113 In/Sec	.585 G-s
PIP - Pump Inboard Horz Peakvue	.399 G-s	
PIV - Pump Inboard Vertical	.057 In/Sec	.271 G-s
PIA - Pump Inboard Axial	.083 In/Sec	.174 G-s
POH - Pump Outboard Horizontal	.079 In/Sec	.278 G-s
POP - Pump Outboard Horz Peakvue	.126 G-s	
POV - Pump Outboard Vertical	.092 In/Sec	.139 G-s
POA - Pump Outboard Axial	.090 In/Sec	.093 G-s
SAR59B - Scrub Twr Circ Pmp M	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.041 In/Sec	.554 G-s
MOP - Motor Outboard Horz Peakvue	.241 G-s	
MOV - Motor Outboard Vertical	.050 In/Sec	.274 G-s
MOA - Motor Outboard Axial	.045 In/Sec	.211 G-s
MIH - Motor Inboard Horizontal	.044 In/Sec	1.087 G-s
MIP - Motor Inboard Horz Peakvue	.701 G-s	
MIV - Motor Inboard Vertical	.059 In/Sec	.452 G-s
MIA - Motor Inboard Axial	.046 In/Sec	.460 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.144 In/Sec	.936 G-s
PIP - Pump Inboard Horz Peakvue	.500 G-s	
PIV - Pump Inboard Vertical	.072 In/Sec	.651 G-s
PIA - Pump Inboard Axial	.078 In/Sec	.366 G-s
POH - Pump Outboard Horizontal	.105 In/Sec	.587 G-s
POP - Pump Outboard Horz Peakvue	.242 G-s	
POV - Pump Outboard Vertical	.079 In/Sec	.260 G-s
POA - Pump Outboard Axial	.074 In/Sec	.223 G-s
SAR59C - Scrub Twr Circ Pmp E	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.027 In/Sec	.191 G-s
MOP - Motor Outboard Horz Peakvue	.058 G-s	
MOV - Motor Outboard Vertical	.045 In/Sec	.058 G-s
MOA - Motor Outboard Axial	.046 In/Sec	.042 G-s
MIH - Motor Inboard Horizontal	.025 In/Sec	.706 G-s
MIP - Motor Inboard Horz Peakvue	.280 G-s	
MIV - Motor Inboard Vertical	.032 In/Sec	.193 G-s
MIA - Motor Inboard Axial	.022 In/Sec	.066 G-s

	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.111 In/Sec	.481 G-s
PIP - Pump Inboard Horz Peakvue	.264 G-s	
PIV - Pump Inboard Vertical	.058 In/Sec	.314 G-s
PIA - Pump Inboard Axial	.051 In/Sec	.270 G-s
POH - Pump Outboard Horizontal	.084 In/Sec	.322 G-s
POP - Pump Outboard Horz Peakvue	.164 G-s	
POV - Pump Outboard Vertical	.052 In/Sec	.146 G-s
POA - Pump Outboard Axial	.054 In/Sec	.129 G-s
SAR54C - Weak Acid Xfer Pump S	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.260 In/Sec	.179 G-s
MOP - Motor Outboard Horz Peakvue	.028 G-s	
MOV - Motor Outboard Vertical	.046 In/Sec	.065 G-s
MOA - Motor Outboard Axial	.162 In/Sec	.058 G-s
MIH - Motor Inboard Horizontal	.266 In/Sec	.364 G-s
MIP - Motor Inboard Horz Peakvue	.109 G-s	
MIV - Motor Inboard Vertical	.173 In/Sec	.175 G-s
MIA - Motor Inboard Axial	.146 In/Sec	.085 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.160 In/Sec	.166 G-s
PIP - Pump Inboard Horz Peakvue	.0061 G-s	
PIV - Pump Inboard Vertical	.072 In/Sec	.091 G-s
PIA - Pump Inboard Axial	.119 In/Sec	.137 G-s
SAR54B - Weak Acid Xfer Pump N	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.087 In/Sec	.250 G-s
MOP - Motor Outboard Horz Peakvue	.119 G-s	
MOV - Motor Outboard Vertical	.097 In/Sec	.188 G-s
MOA - Motor Outboard Axial	.070 In/Sec	.132 G-s
MIH - Motor Inboard Horizontal	.096 In/Sec	.482 G-s
MIP - Motor Inboard Horz Peakvue	.044 G-s	
MIV - Motor Inboard Vertical	.120 In/Sec	.108 G-s
MIA - Motor Inboard Axial	.242 In/Sec	.050 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.132 In/Sec	.650 G-s
PIP - Pump Inboard Horz Peakvue	.091 G-s	
PIV - Pump Inboard Vertical	.075 In/Sec	.465 G-s
PIA - Pump Inboard Axial	.105 In/Sec	.362 G-s
SAR 56A - N Oleum Storage Tank Feed	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
M1H - Motor Outboard Horizontal	.084 In/Sec	.110 G-s
M1P - Motor Outboard Horz Peakvue	.017 G-s	
M1V - Motor Outboard Vertical	.085 In/Sec	.075 G-s
M1A - Motor Outboard Axial	.076 In/Sec	.050 G-s
M2H - Motor Inboard Horizontal	.091 In/Sec	.275 G-s
M2P - Motor Inboard Horz Peakvue	.098 G-s	
M2V - Motor Inboard Vertical	.075 In/Sec	.084 G-s
M2A - Motor Inboard Axial	.079 In/Sec	.043 G-s
	OVERALL LEVEL	1K-20KHz
P1H - Pump Inboard Horizontal	.080 In/Sec	.119 G-s
P1P - Pump Inboard Horz Peakvue	.076 G-s	
P1V - Pump Inboard Vertical	.042 In/Sec	.061 G-s
P1A - Pump Inboard Axial	.066 In/Sec	.046 G-s

SAR 56B	- M Oleum Storage Tank Feed	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
M1H - Motor Outboard Horizontal		.077 In/Sec	.231 G-s
M1P - Motor Outboard Horz Peakvue		.068 G-s	
M1V - Motor Outboard Vertical		.139 In/Sec	.049 G-s
M1A - Motor Outboard Axial		.056 In/Sec	.067 G-s
M2H - Motor Inboard Horizontal		.088 In/Sec	.157 G-s
M2P - Motor Inboard Horz Peakvue		.035 G-s	
M2V - Motor Inboard Vertical		.079 In/Sec	.067 G-s
M2A - Motor Inboard Axial		.058 In/Sec	.047 G-s
		OVERALL LEVEL	1K-20KHz
P1H - Pump Inboard Horizontal		.138 In/Sec	.141 G-s
P1P - Pump Inboard Horz Peakvue		.100 G-s	
P1V - Pump Inboard Vertical		.073 In/Sec	.057 G-s
P1A - Pump Inboard Axial		.053 In/Sec	.048 G-s
SAR 56C	- S Oleum Storage Tank Feed	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
M1H - Motor Outboard Horizontal		.061 In/Sec	.223 G-s
M1P - Motor Outboard Horz Peakvue		.086 G-s	
M1V - Motor Outboard Vertical		.044 In/Sec	.442 G-s
M1A - Motor Outboard Axial		.029 In/Sec	.290 G-s
M2H - Motor Inboard Horizontal		.043 In/Sec	.282 G-s
M2P - Motor Inboard Horz Peakvue		.353 G-s	
M2V - Motor Inboard Vertical		.040 In/Sec	.135 G-s
M2A - Motor Inboard Axial		.033 In/Sec	.239 G-s
		OVERALL LEVEL	1K-20KHz
P1H - Pump Inboard Horizontal		.067 In/Sec	.104 G-s
P1P - Pump Inboard Horz Peakvue		.052 G-s	
P1V - Pump Inboard Vertical		.043 In/Sec	.072 G-s
P1A - Pump Inboard Axial		.036 In/Sec	.098 G-s
SAR57B	- Oleum Twr Circ Pump E	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal E-W		.147 In/Sec	2.731 G-s
MOP - Motor Outboard Horz Peakvue		1.676 G-s	
MOV - Motor Outboard Vertical N-S		.136 In/Sec	.960 G-s
MOA - Motor Outboard Axial		.117 In/Sec	.703 G-s
MIH - Motor Inboard Horizontal E-W		.157 In/Sec	4.596 G-s
MIP - Motor Inboard Horz Peakvue		2.449 G-s	
MIV - Motor Inboard Vertical N-S		.149 In/Sec	1.738 G-s
MIA - Motor Inboard Axial		.117 In/Sec	1.073 G-s
SAR61NM	- Spent Acid Circ Pmp N	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MIH - Motor Inboard Horizontal		.016 In/Sec	.182 G-s
MIP - Motor Inboard Horz Peakvue		.069 G-s	
MIV - Motor Inboard Vertical		.030 In/Sec	.063 G-s
MIA - Motor Inboard Axial		.038 In/Sec	.056 G-s
		OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal		.019 In/Sec	.125 G-s
PIP - Pump Inboard Horz Peakvue		.072 G-s	
PIV - Pump Inboard Vertical		.049 In/Sec	.383 G-s
PIA - Pump Inboard Axial		.049 In/Sec	.110 G-s
SAR63EM	- Spent Acid Feed Pmp E	(06-Jan-21)	

	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.039 In/Sec	.294 G-s
MOP - Motor Outboard Horz Peakvue	.139 G-s	
MOV - Motor Outboard Vertical	.062 In/Sec	.092 G-s
MOA - Motor Outboard Axial	.065 In/Sec	.045 G-s
MIH - Motor Inboard Horizontal	.044 In/Sec	.415 G-s
MIP - Motor Inboard Horz Peakvue	.243 G-s	
MIV - Motor Inboard Vertical	.066 In/Sec	.107 G-s
MIA - Motor Inboard Axial	.061 In/Sec	.086 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.077 In/Sec	.380 G-s
PIP - Pump Inboard Horz Peakvue	.0083 G-s	
PIV - Pump Inboard Vertical	.083 In/Sec	.132 G-s
PIA - Pump Inboard Axial	.038 In/Sec	.173 G-s
POH - Pump Outboard Horizontal	.059 In/Sec	.643 G-s
POP - Pump Outboard Horz Peakvue	.042 G-s	
POV - Pump Outboard Vertical	.064 In/Sec	.218 G-s
POA - Pump Outboard Axial	.093 In/Sec	.168 G-s
SAR63WM - Spent Acid Feed Pmp W	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.023 In/Sec	.245 G-s
MOP - Motor Outboard Horz Peakvue	.0058 G-s	
MOV - Motor Outboard Vertical	.032 In/Sec	.029 G-s
MOA - Motor Outboard Axial	.017 In/Sec	.029 G-s
MIH - Motor Inboard Horizontal	.030 In/Sec	.289 G-s
MIP - Motor Inboard Horz Peakvue	.013 G-s	
MIV - Motor Inboard Vertical	.034 In/Sec	.044 G-s
MIA - Motor Inboard Axial	.016 In/Sec	.068 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.058 In/Sec	.301 G-s
PIP - Pump Inboard Horz Peakvue	.036 G-s	
PIV - Pump Inboard Vertical	.070 In/Sec	.257 G-s
PIA - Pump Inboard Axial	.066 In/Sec	.299 G-s
SAR66A - Vertical Cool Twr Pump #1	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.437 In/Sec	.160 G-s
MOP - Motor Outboard Horz Peakvue	.067 G-s	
MOV - Motor Outboard Vertical	.223 In/Sec	.087 G-s
MOA - Motor Outboard Axial	.441 In/Sec	.088 G-s
MIH - Motor Inboard Horizontal	.170 In/Sec	.180 G-s
MIP - Motor Inboard Horz Peakvue	.080 G-s	
MIV - Motor Inboard Vertical	.273 In/Sec	.085 G-s
MIA - Motor Inboard Axial	.179 In/Sec	.080 G-s
SAR66B - Vertical Cool Twr Pump #2	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.237 In/Sec	.149 G-s
MOP - Motor Outboard Horz Peakvue	.063 G-s	
MOV - Motor Outboard Vertical	.159 In/Sec	.141 G-s
MOA - Motor Outboard Axial	.459 In/Sec	.096 G-s
MIH - Motor Inboard Horizontal	.123 In/Sec	.284 G-s
MIP - Motor Inboard Horz Peakvue	.142 G-s	
MIV - Motor Inboard Vertical	.175 In/Sec	.126 G-s
MIA - Motor Inboard Axial	.184 In/Sec	.176 G-s

SAR66C	- Vertical Cool Twr Pump #3	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.406 In/Sec	.078 G-s
MOP - Motor Outboard Horz Peakvue		.046 G-s	
MOV - Motor Outboard Vertical		.105 In/Sec	.024 G-s
MOA - Motor Outboard Vertical		.214 In/Sec	.028 G-s
MIH - Motor Inboard Horizontal		.178 In/Sec	.052 G-s
MIP - Motor Inboard Horz Peakvue		.031 G-s	
MIV - Motor Inboard Vertical		.136 In/Sec	.038 G-s
MIA - Motor Inboard Axial		.087 In/Sec	.052 G-s
 SAR66D	 - Vertical Cool Twr Pump #4	 (06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.106 In/Sec	.080 G-s
MOP - Motor Outboard Horz Peakvue		.038 G-s	
MOV - Motor Outboard Vertical		.056 In/Sec	.061 G-s
MOA - Motor Outboard Axial		.072 In/Sec	.084 G-s
MIH - Motor Inboard Horizontal		.058 In/Sec	.057 G-s
MIP - Motor Inboard Horz Peakvue		.030 G-s	
MIV - Motor Inboard Vertical		.054 In/Sec	.046 G-s
MIA - Motor Inboard Axial		.045 In/Sec	.038 G-s
 SAR78A	 - Cooling Tower Fan #1	 (06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.199 In/Sec	.416 G-s
MOP - Motor Outboard Horz Peakvue		.178 G-s	
MOV - Motor Outboard Vertical		.444 In/Sec	.210 G-s
MOA - Motor Outboard Axial		.138 In/Sec	.216 G-s
MIH - Motor Inboard Horizontal		.094 In/Sec	.455 G-s
MIP - Motor Inboard Horz Peakvue		.239 G-s	
MIV - Motor Inboard Vertical		.169 In/Sec	.254 G-s
MIA - Motor Inboard Axial		.125 In/Sec	.149 G-s
 SAR78B	 - Cooling Tower Fan #2	 (06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.105 In/Sec	.852 G-s
MOP - Motor Outboard Horz Peakvue		.295 G-s	
MOV - Motor Outboard Vertical		.066 In/Sec	.375 G-s
MOA - Motor Outboard Axial		.176 In/Sec	.214 G-s
MIH - Motor Inboard Horizontal		.154 In/Sec	2.283 G-s
MIP - Motor Inboard Horz Peakvue		.298 G-s	
MIV - Motor Inboard Vertical		.155 In/Sec	1.261 G-s
MIA - Motor Inboard Axial		.176 In/Sec	.523 G-s
 SAR78C	 - Cooling Tower Fan #3	 (06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.081 In/Sec	.618 G-s
MOP - Motor Outboard Horz Peakvue		.188 G-s	
MOV - Motor Outboard Vertical		.091 In/Sec	1.048 G-s
MOA - Motor Outboard Axial		.137 In/Sec	.382 G-s
MIH - Motor Inboard Horizontal		.084 In/Sec	1.202 G-s
MIP - Motor Inboard Horz Peakvue		.323 G-s	
MIV - Motor Inboard Vertical		.139 In/Sec	.735 G-s
MIA - Motor Inboard Axial		.161 In/Sec	.531 G-s
 SAR128	 - Oleum Fume Scrub Blwr	 (06-Jan-21)	
		OVERALL LEVEL	1K-20kHz

MIH - Motor Inboard Horizontal	.096 In/Sec	.250 G-s
MIP - Motor Inboard Horz Peakvue	.032 G-s	
MIV - Motor Inboard Vertical	.089 In/Sec	.097 G-s
MIA - Motor Inboard Axial	.050 In/Sec	.093 G-s
	OVERALL LEVEL	1K-20KHz
FIH - Fan Inboard Horizontal	.111 In/Sec	.339 G-s
FIP - Fan Inboard Horz Peakvue	.034 G-s	
FIV - Fan Inboard Vertical	.025 In/Sec	.186 G-s
FIA - Fan Inboard Axial	.054 In/Sec	.109 G-s
FOH - Fan Outboard Horizontal	.121 In/Sec	.539 G-s
FOP - Fan Outboard Horz Peakvue	.086 G-s	
FOV - Fan Outboard Vertical	.104 In/Sec	.247 G-s
FOA - Fan Outboard Axial	.229 In/Sec	.132 G-s
SAR135 - Spent Acid Circ Pmp E	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal	.021 In/Sec	.213 G-s
MOP - Motor Outboard Horz Peakvue	.111 G-s	
MOV - Motor Outboard Vertical	.045 In/Sec	.070 G-s
MOA - Motor Outboard Axial	.055 In/Sec	.059 G-s
MIH - Motor Inboard Horizontal	.026 In/Sec	.167 G-s
MIP - Motor Inboard Horz Peakvue	.075 G-s	
MIV - Motor Inboard Vertical	.047 In/Sec	.055 G-s
MIA - Motor Inboard Axial	.043 In/Sec	.049 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.034 In/Sec	.153 G-s
PIP - Pump Inboard Horz Peakvue	.131 G-s	
PIV - Pump Inboard Vertical	.021 In/Sec	.066 G-s
PIA - Pump Inboard Axial	.019 In/Sec	.067 G-s
POH - Pump Outboard Horizontal	.030 In/Sec	.165 G-s
POP - Pump Outboard Horz Peakvue	.025 G-s	
POV - Pump Outboard Vertical	.020 In/Sec	.048 G-s
POA - Pump Outboard Axial	.030 In/Sec	.062 G-s
SAR137B - Contain Pit Pumps	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal E-W	.394 In/Sec	.269 G-s
MOP - Motor Outboard Horz Peakvue	.139 G-s	
MOV - Motor Outboard Vertical N-S	.113 In/Sec	.128 G-s
MOA - Motor Outboard Axial	.289 In/Sec	.109 G-s
* MIH - Motor Inboard Horizontal E-W	.050 In/Sec	.217 G-s
* MIP - Motor Inboard Horz Peakvue	.116 G-s	
* MIV - Motor Inboard Vertical N-S	.147 In/Sec	.087 G-s
* MIA - Motor Inboard Axial	.079 In/Sec	.128 G-s
SAR156 - Spent Acid Feed Booster N	(06-Jan-21)	
	OVERALL LEVEL	1K-20kHz
MIH - Motor Inboard Horizontal	.031 In/Sec	.193 G-s
MIP - Motor Inboard Horz Peakvue	.102 G-s	
MIV - Motor Inboard Vertical	.032 In/Sec	.103 G-s
MIA - Motor Inboard Axial	.029 In/Sec	.060 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.100 In/Sec	.055 G-s
PIP - Pump Inboard Horz Peakvue	.043 G-s	
PIV - Pump Inboard Vertical	.025 In/Sec	.027 G-s
PIA - Pump Inboard Axial	.060 In/Sec	.031 G-s

SAR161A	- N SAR Cool Twr Fan W	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.139 In/Sec	1.047 G-s
MOP - Motor Outboard Horz Peakvue		.243 G-s	
MOV - Motor Outboard Vertical		.242 In/Sec	.352 G-s
MOA - Motor Outboard Axial		.310 In/Sec	.194 G-s
MIH - Motor Inboard Horizontal		.248 In/Sec	1.585 G-s
MIP - Motor Inboard Horz Peakvue		.969 G-s	
MIV - Motor Inboard Vertical		.130 In/Sec	.440 G-s
MIA - Motor Inboard Axial		.279 In/Sec	.249 G-s
SAR161B	- N SAR Cool Twr Fan Middle	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.137 In/Sec	.888 G-s
MOP - Motor Outboard Horz Peakvue		.199 G-s	
MOV - Motor Outboard Vertical		.163 In/Sec	.682 G-s
MOA - Motor Outboard Axial		.182 In/Sec	.150 G-s
MIH - Motor Inboard Horizontal		.194 In/Sec	1.071 G-s
MIP - Motor Inboard Horz Peakvue		.245 G-s	
MIV - Motor Inboard Vertical		.145 In/Sec	.282 G-s
MIA - Motor Inboard Axial		.165 In/Sec	.330 G-s
SAR222	- Oleum Twr Drain Pmp	(21-Aug-20)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.071 In/Sec	.494 G-s
MOP - Motor Outboard Horz Peakvue		.0064 G-s	
MOV - Motor Outboard Vertical		.098 In/Sec	.378 G-s
MOA - Motor Outboard Axial		.088 In/Sec	.496 G-s
MIH - Motor Inboard Horizontal		.059 In/Sec	.526 G-s
MIP - Motor Inboard Horz Peakvue		.013 G-s	
MIV - Motor Inboard Vertical		.065 In/Sec	.341 G-s
MIA - Motor Inboard Axial		.078 In/Sec	.428 G-s
		OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal		.216 In/Sec	3.263 G-s
PIP - Pump Inboard Horz Peakvue		.021 G-s	
PIV - Pump Inboard Vertical		.182 In/Sec	2.081 G-s
* POH - Pump Outboard Horizontal		.157 In/Sec	2.925 G-s
* POP - Pump Outboard Horz Peakvue		.018 G-s	
* POV - Pump Outboard Vertical		.150 In/Sec	2.260 G-s
POA - Pump Outboard Axial		.265 In/Sec	2.767 G-s
SAR231A	- Final Twr Circ Pump N	(06-Jan-21)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal E-W		.076 In/Sec	.809 G-s
MOP - Motor Outboard Horz Peakvue		.452 G-s	
MOV - Motor Outboard Vertical N-S		.069 In/Sec	.456 G-s
MOA - Motor Outboard Axial		.114 In/Sec	.267 G-s
MIH - Motor Inboard Horizontal E-W		.053 In/Sec	.840 G-s
MIP - Motor Inboard Horz Peakvue		.375 G-s	
MIV - Motor Inboard Vertical N-S		.064 In/Sec	.276 G-s
MIA - Motor Inboard Axial		.116 In/Sec	.256 G-s
SAR233	- InterpassTwr Drain Pmp1	(21-Aug-20)	
		OVERALL LEVEL	1K-20kHz
MOH - Motor Outboard Horizontal		.074 In/Sec	.101 G-s
MOP - Motor Outboard Horz Peakvue		.0016 G-s	
MOV - Motor Outboard Vertical		.089 In/Sec	.054 G-s

MOA - Motor Outboard Axial	.032 In/Sec	.106 G-s
MIH - Motor Inboard Horizontal	.070 In/Sec	.080 G-s
MIP - Motor Inboard Horz Peakvue	.0029 G-s	
MIV - Motor Inboard Vertical	.066 In/Sec	.042 G-s
MIA - Motor Inboard Axial	.039 In/Sec	.136 G-s
	OVERALL LEVEL	1K-20KHz
PIH - Pump Inboard Horizontal	.026 In/Sec	.027 G-s
PIP - Pump Inboard Horz Peakvue	.0016 G-s	
PIV - Pump Inboard Vertical	.030 In/Sec	.055 G-s
PIA - Pump Inboard Axial	.032 In/Sec	.031 G-s
* POH - Pump Outboard Horizontal	.034 In/Sec	.181 G-s
* POP - Pump Outboard Horz Peakvue	.015 G-s	
* POV - Pump Outboard Vertical	.030 In/Sec	.202 G-s

Clarification Of Vibration Units:

Acc	-->	G-s	RMS
Vel	-->	In/Sec	PK
Dsp	-->	Mils	P-P

* - Indicates Data Has Date/Time Different From Equipment Date/Time