

Report on machinery condition

Took notice of the machinery condition

According to the latest inspection of the machine

All machine points are included

Signature

Name

Suvarnabhumi Pump Plant

Machine: P501, table contains data from 08.10.2019 12:08:29 - 08.10.2019 12:08:29

Measurement points:

Point	Monitoring parameter	Value	Unit	Alarm level	Time before failure	Alarms levels			
						"Warning"	"Failure"	"Abs.Chg."	"Rel.Chg."
1V	Waveform RMS 1	0.842	mm/s	-	?	4.5	7.1	-	-
	Peak 1	2.496	mm/s	-	-	-	-	-	-
	Peak-Peak 1	4.694	mm/s	-	-	-	-	-	-
	Crest 1	2.963	mm/s	-	-	-	-	-	-
	Skewness 1	-0.238	mm/s	-	-	-	-	-	-
	Kurtosis 1	-0.041	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	0.851	mm/s	-	?	4.5	7.1	-	-
1H	Waveform RMS 1	2.381	mm/s	-	?	4.5	7.1	-	-
	Peak 1	5.252	mm/s	-	-	-	-	-	-
	Peak-Peak 1	10.024	mm/s	-	-	-	-	-	-
	Crest 1	2.206	mm/s	-	-	-	-	-	-
	Skewness 1	0.087	mm/s	-	-	-	-	-	-
	Kurtosis 1	-1.303	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	2.457	mm/s	-	?	4.5	7.1	-	-
1A	Waveform RMS 1	0.935	mm/s	-	?	4.5	7.1	-	-
	Peak 1	3.554	mm/s	-	-	-	-	-	-
	Peak-Peak 1	6.779	mm/s	-	-	-	-	-	-
	Crest 1	3.800	mm/s	-	-	-	-	-	-
	Skewness 1	0.057	mm/s	-	-	-	-	-	-
	Kurtosis 1	-0.150	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	0.923	mm/s	-	?	4.5	7.1	-	-
2V	Waveform RMS 1	0.604	mm/s	-	?	4.5	7.1	-	-
	Peak 1	2.276	mm/s	-	-	-	-	-	-

2V	Peak-Peak 1	4.498	mm/s	-	-	-	-	-	-
	Crest 1	3.766	mm/s	-	-	-	-	-	-
	Skewness 1	-0.213	mm/s	-	-	-	-	-	-
	Kurtosis 1	-0.005	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	0.596	mm/s	-	?	4.5	7.1	-	-
2H	Waveform RMS 1	1.034	mm/s	-	?	4.5	7.1	-	-
	Peak 1	3.878	mm/s	-	-	-	-	-	-
	Peak-Peak 1	7.635	mm/s	-	-	-	-	-	-
	Crest 1	3.750	mm/s	-	-	-	-	-	-
	Skewness 1	0.123	mm/s	-	-	-	-	-	-
	Kurtosis 1	0.095	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	0.970	mm/s	-	?	4.5	7.1	-	-

Machine: P502, table contains data from 08.10.2019 11:53:04 - 08.10.2019 11:53:04

Measurement points:

Point	Monitoring parameter	Value	Unit	Alarm level	Time before failure	Alarms levels			
						"Warning"	"Failure"	"Abs.Chg."	"Rel.Chg."
1V	Waveform RMS 1	0.510	mm/s	-	?	4.5	7.1	-	-
	Peak 1	1.888	mm/s	-	-	-	-	-	-
	Peak-Peak 1	3.494	mm/s	-	-	-	-	-	-
	Crest 1	3.702	mm/s	-	-	-	-	-	-
	Skewness 1	0.078	mm/s	-	-	-	-	-	-
	Kurtosis 1	-0.267	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	0.516	mm/s	-	?	4.5	7.1	-	-
1H	Waveform RMS 1	1.370	mm/s	-	?	4.5	7.1	-	-
	Peak 1	3.574	mm/s	-	-	-	-	-	-
	Peak-Peak 1	6.785	mm/s	-	-	-	-	-	-
	Crest 1	2.608	mm/s	-	-	-	-	-	-
	Skewness 1	0.410	mm/s	-	-	-	-	-	-
	Kurtosis 1	-0.957	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	1.346	mm/s	-	?	4.5	7.1	-	-
1A	Waveform RMS 1	1.905	mm/s	-	?	4.5	7.1	-	-
	Peak 1	4.544	mm/s	-	-	-	-	-	-
	Peak-Peak 1	8.868	mm/s	-	-	-	-	-	-
	Crest 1	2.386	mm/s	-	-	-	-	-	-

1A	Skewness 1	0.037	mm/s	-	-	-	-	-	-
	Kurtosis 1	-1.090	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	1.931	mm/s	-	?	4.5	7.1	-	-
2V	Waveform RMS 1	1.604	mm/s	-	?	4.5	7.1	-	-
	Peak 1	4.270	mm/s	-	-	-	-	-	-
	Peak-Peak 1	7.698	mm/s	-	-	-	-	-	-
	Crest 1	2.661	mm/s	-	-	-	-	-	-
	Skewness 1	0.424	mm/s	-	-	-	-	-	-
	Kurtosis 1	-1.055	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	1.633	mm/s	-	?	4.5	7.1	-	-
2H	Waveform RMS 1	1.242	mm/s	-	?	4.5	7.1	-	-
	Peak 1	3.604	mm/s	-	-	-	-	-	-
	Peak-Peak 1	6.509	mm/s	-	-	-	-	-	-
	Crest 1	2.901	mm/s	-	-	-	-	-	-
	Skewness 1	0.249	mm/s	-	-	-	-	-	-
	Kurtosis 1	-0.927	mm/s	-	-	-	-	-	-
	RMS in absolute band 1	1.226	mm/s	-	?	4.5	7.1	-	-

