


AYALA ALABANG PUMP STATION MOTOR & PUMP UNITS VA STATUS REPORT AS OF FEB 2019	MAYNILAD WATER SERVICES INC		 <b>OneProd</b> Brand of ACOEM
	Issue A	page 1 / 22	

## DOCUMENT TITLE

# AYALA ALABANG PUMP STATION MOTOR & PUMP UNITS VA STATUS REPORT AS OF FEB 2019

## COMMENT

AYALA ALABANG PUMPING STATION
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## VISA

Written by	Approved by	State	Date
ENGR. JAY DIMALIBOT	ENGR. PETER VASQUEZ	PHI	25/03/2019 09:22:18

Table of contents

[Synthesis Report.....](#)3

[Expertise Report.....](#)4

[Analysis Report.....](#)11


## Synthesis Report

Filter: Equipment name (+) \ Tree order (+)

Location	Equipment	Diagnosis				Recommendations
		Previous Date		Current Date		
AYALA ALABANG\	BOOSTER PUMP UNIT 1			GOOD		Continue monitor vibrations periodically
				14/02/2019 11:38:36		
		Oper.		Oper.	DfCnd	
		Vibrations are within acceptable levels				
AYALA ALABANG\	BOOSTER PUMP UNIT 2			GOOD		No action required
				14/02/2019 11:57:25		
		Oper.		Oper.	DfCnd	
		Vibrations are within acceptable levels				
AYALA ALABANG\	BOOSTER PUMP UNIT 3			GOOD		No action required
				14/02/2019 11:43:11		
		Oper.		Oper.	DfCnd	
		Vibrations are within acceptable levels				

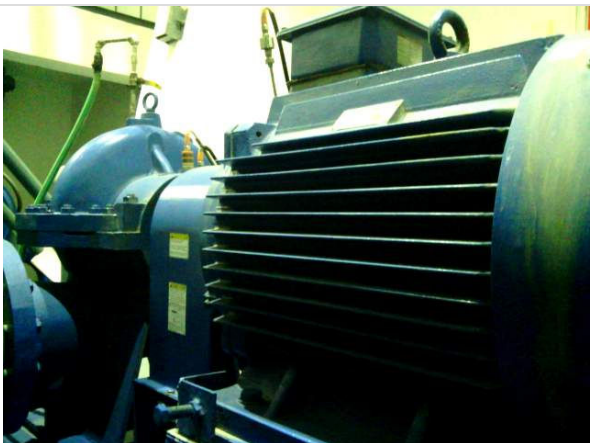
**Expertise Report**

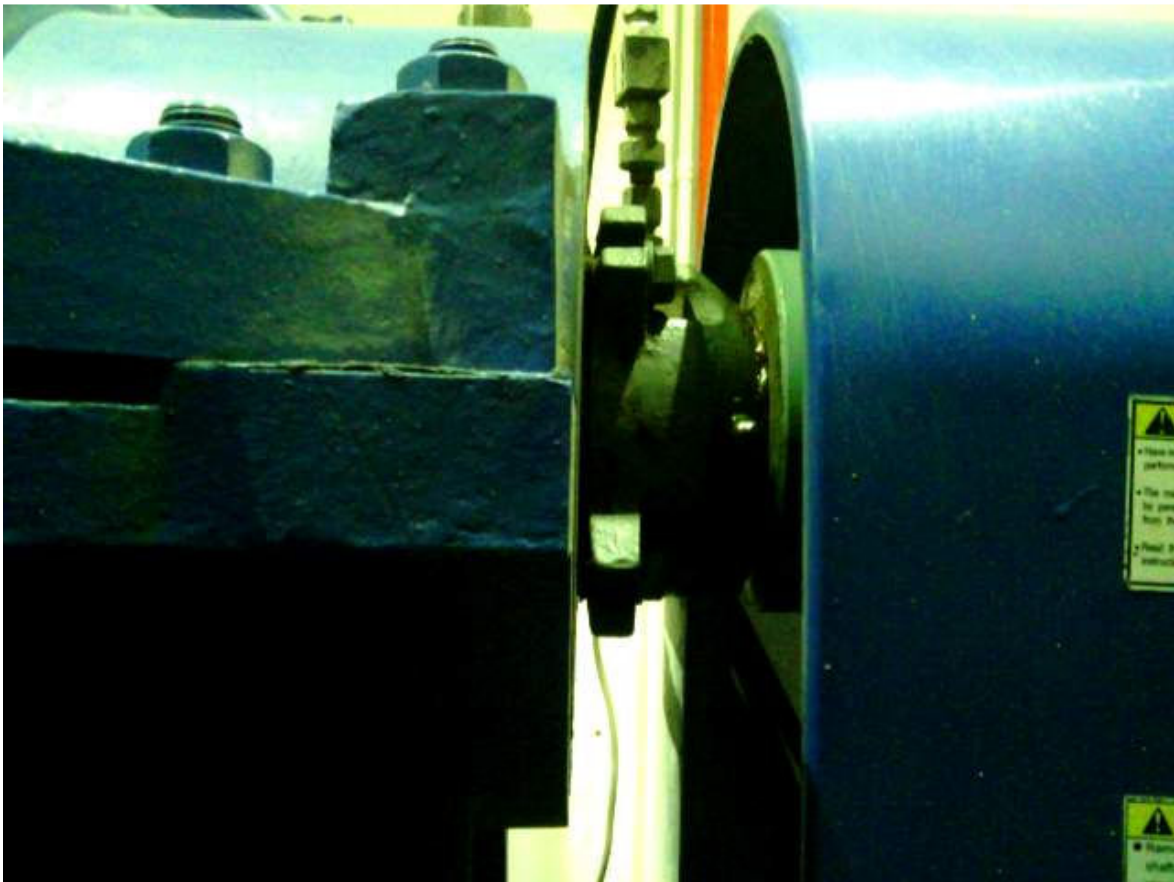
Filter: Equipment name (+) \ Tree order (+)

<b>Location</b>	AYALA ALABANG\			Fixed speed	
<b>Designation</b>	Ayala Alabang R1 Pump Station				
<b>Equipment</b>	BOOSTER PUMP UNIT 1				
<b>Designation</b>					
<b>Abbreviation</b>	BP#1				
<b>Serial No</b>					
<b>Model</b>					
<b>Periodicity (d)</b>	Normal 60	Alarm 15			
<div style="display: flex; justify-content: space-between; padding: 5px;"> <span>Previous Advice</span> <span>Condition</span> <span>Rotation Speed</span> </div>					
<b>Date</b> 14/02/2019 11:38:36	<b>GOOD</b> Health is good for a long time service without restriction.			Speed 22.4 Hz / 1343 rpm Author u1 System - Serial FALCON - 11407 Sensor Connector	
<b>Condition</b> DfCnd					
<b>Diagnosis &amp; Recommendation</b>				Parameters sheet	
<b>Diagnosis</b> Vibrations are within acceptable levels Good overall state for component 'Electric motor'. Overall state still acceptable for the component 'Pump'.					
<b>Recommendations</b> Continue monitor vibrations periodically Continue monitor vibrations periodically					

IP1.jpg



<b>Location</b>	AYALA ALABANG\		Fixed speed	
<b>Designation</b>	Ayala Alabang R1 Pump Station			
<b>Equipment</b>	BOOSTER PUMP UNIT 2			
<b>Designation</b>				
<b>Abbreviation</b>	BP#2			
<b>Serial No</b>				
<b>Model</b>				
<b>Periodicity (d)</b>	Normal 60	Alarm 15		
<div style="display: flex; justify-content: space-between;"> <span>Previous Advice</span> <span>Condition</span> <span>Rotation Speed</span> </div>				
<b>Date</b>	<div style="background-color: #90ee90; display: inline-block; padding: 2px 5px;">GOOD</div>		<b>Speed</b> 19.9 Hz / 1194 rpm <b>Author</b> u1 <b>System - Serial</b> FALCON - 11407 <b>Sensor</b> <b>Connector</b>	
14/02/2019 11:57:25	Health is good for a long time service without restriction.			
<b>Condition</b>				
DfCnd				
<b>Diagnosis &amp; Recommendation</b>			<b>Parameters sheet</b>	
<b>Diagnosis</b>				
Vibrations are within acceptable levels Good overall state for component 'Electric motor'. Good overall state for component 'Pump'.				
<b>Recommendations</b>				
No action required No action required				
IP2.jpg				



IP4.jpg





dusty



<b>Location</b>	AYALA ALABANG\			<b>Fixed speed</b>	
<b>Designation</b>	Ayala Alabang R1 Pump Station				
<b>Equipment</b>	<b>BOOSTER PUMP UNIT 3</b>				
<b>Designation</b>					
<b>Abbreviation</b>	<b>BP#3</b>				
<b>Serial No</b>					
<b>Model</b>					
<b>Periodicity (d)</b>	<i>Normal</i> 60 <i>Alarm</i> 15				
<b>Previous Advice</b>		<b>Condition</b>	<b>Rotation Speed</b>		
<b>Date</b>	<b>GOOD</b>			<b>Speed</b> 29.8 Hz / 1787 rpm	
14/02/2019 11:43:11	<i>Health is good for a long time service without restriction.</i>			<b>Author</b> u1	
<b>Condition</b>				<b>System - Serial</b> FALCON - 11407	
DfCnd				<b>Sensor</b>	
					<b>Connector</b>
<b>Diagnosis &amp; Recommendation</b>				<b>Parameters sheet</b>	
<b>Diagnosis</b>					
Vibrations are within acceptable levels Good overall state for component 'Electric motor'. Good overall state for component 'Pump'.					
<b>Recommendations</b>					
No action required No action required					
IP3.jpg					



## Analysis Report

Filter: Equipment name (+) \ Tree order (+)      Alarm type: Danger \ Alarm \ Pre-Alarm \ Error \ Ok \ Undefined \ Inhibited

### AYALA ALABANG\

#### BOOSTER PUMP UNIT 1

BOOSTER PUMP UNIT 1			Selected Date		14/02/2019 11:38:36			Speed		22.4 Hz / 1343 rpm								
			Author		u1			Connector										
			System - Serial No		FALCON - 11407			Sensor										
Operating param.	1	H/S	Last Date	Value	Unit	T-1	Ref.	Avg										
Ovrl:Rotation speed	Rot Spd	Hard	14/02/2019 11:38:36	1343	rpm		1343											
1-MT-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	1.65	mm/s		1.65		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.190	g		0.190		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.35	DEF		2.35		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:38:36	0.157	mm/s		0.157		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:38:36	0.0787	mm/s		0.0787		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:38:36	0.232	mm/s		0.232		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.110	g		0.110		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.129	g		0.129		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.105	g		0.105		DfCnd	High	0	0	0	0	2	4	0	
1-MT-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	1.20	mm/s		1.20		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.576	g		0.576		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.28	DEF		2.28		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:38:36	0.272	mm/s		0.272		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:38:36	0.183	mm/s		0.183		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:38:36	0.162	mm/s		0.162		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.0522	g		0.0522		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.548	g		0.548		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.129	g		0.129		DfCnd	High	0	0	0	0	2	4	0	
1-MT-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	1.36	mm/s		1.36		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.258	g		0.258		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.36	DEF		2.36		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:38:36	0.164	mm/s		0.164		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:38:36	0.0820	mm/s		0.0820		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:38:36	0.206	mm/s		0.206		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.0792	g		0.0792		DfCnd	High	0	0	0	0	.15	.3	0	

**AYALA ALABANG\**
**BOOSTER PUMP UNIT 1**

		<i>Selected Date</i>		14/02/2019 11:38:36				<i>Speed</i>		22.4 Hz / 1343 rpm							
		<i>Author</i>		u1				<i>Connector</i>									
		<i>System - Serial No</i>		FALCON - 11407				<i>Sensor</i>									
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.0712g		0.0712		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.246g		0.246		DfCnd	High	0	0	0	0	2	4	0	
2-MT-Ax	9	H/S	<i>Last Date</i>	<i>Value</i>	<i>Unit</i>	<i>T-1</i>	<i>Ref.</i>	<i>Avg</i>	<i>Oper.</i>	<i>AlmTyp</i>	<i>DG-</i>	<i>AL-</i>	<i>pA-</i>	<i>pA+</i>	<i>AL+</i>	<i>DG+</i>	<i>Err</i>
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	2.25	mm/s		2.25		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.323g		0.323			DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.64	DEF		2.64		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:38:36	0.244	mm/s		0.244		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:38:36	0.172	mm/s		0.172		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:38:36	0.0774	mm/s		0.0774		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.104g		0.104			DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.134g		0.134			DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.277g		0.277			DfCnd	High	0	0	0	0	2	4	0
2-MT-RH	9	H/S	<i>Last Date</i>	<i>Value</i>	<i>Unit</i>	<i>T-1</i>	<i>Ref.</i>	<i>Avg</i>	<i>Oper.</i>	<i>AlmTyp</i>	<i>DG-</i>	<i>AL-</i>	<i>pA-</i>	<i>pA+</i>	<i>AL+</i>	<i>DG+</i>	<i>Err</i>
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	1.29	mm/s		1.29		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.655g		0.655			DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.78	DEF		2.78		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:38:36	0.478	mm/s		0.478		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:38:36	0.227	mm/s		0.227		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:38:36	0.123	mm/s		0.123		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.0566g		0.0566			DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.435g		0.435			DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.483g		0.483			DfCnd	High	0	0	0	0	2	4	0
2-MT-RV	9	H/S	<i>Last Date</i>	<i>Value</i>	<i>Unit</i>	<i>T-1</i>	<i>Ref.</i>	<i>Avg</i>	<i>Oper.</i>	<i>AlmTyp</i>	<i>DG-</i>	<i>AL-</i>	<i>pA-</i>	<i>pA+</i>	<i>AL+</i>	<i>DG+</i>	<i>Err</i>
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	2.95	mm/s		2.95		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.430g		0.430			DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.54	DEF		2.54		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:38:36	0.299	mm/s		0.299		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:38:36	0.256	mm/s		0.256		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:38:36	0.424	mm/s		0.424		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.111g		0.111			DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.246g		0.246			DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.363g		0.363			DfCnd	High	0	0	0	0	2	4	0

**AYALA ALABANG\**

BOOSTER PUMP UNIT 1			Selected Date		14/02/2019 11:38:36				Speed		22.4 Hz / 1343 rpm							
			Author		u1				Connector									
			System - Serial No		FALCON - 11407				Sensor									
3-PP-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	1.13	mm/s		1.13		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.379	g		0.379		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.98	DEF		2.98		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:38:36	0.228	mm/s		0.228		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:38:36	0.0585	mm/s		0.0585		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:38:36	0.0681	mm/s		0.0681		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.0808	g		0.0808		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.330	g		0.330		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.143	g		0.143		DfCnd	High	0	0	0	0	2	4	0	
3-PP-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	2.04	mm/s		2.04		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.753	g		0.753		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	3.00	DEF		3.00		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:38:36	0.516	mm/s		0.516		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:38:36	0.170	mm/s		0.170		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:38:36	0.185	mm/s		0.185		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.144	g		0.144		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.635	g		0.635		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.290	g		0.290		DfCnd	High	0	0	0	0	2	4	0	
3-PP-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	0.810	mm/s		0.810		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.433	g		0.433		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	2.69	DEF		2.69		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:38:36	0.0558	mm/s		0.0558		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:38:36	0.0674	mm/s		0.0674		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:38:36	0.0374	mm/s		0.0374		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.0589	g		0.0589		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.373	g		0.373		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.137	g		0.137		DfCnd	High	0	0	0	0	2	4	0	
4-PP-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	1.49	mm/s		1.49		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.416	g		0.416		DfCnd	None								

**AYALA ALABANG\**
**BOOSTER PUMP UNIT 1**

	Selected Date	14/02/2019 11:38:36	Speed	22.4 Hz / 1343 rpm
	Author	u1	Connector	
	System - Serial No	FALCON - 11407	Sensor	

Defect factor	IND-0003	Hard	14/02/2019 11:38:36	3.11 DEF	3.11		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:38:36	0.0782 mm/s	0.0782		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:38:36	0.0350 mm/s	0.0350		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:38:36	0.0701 mm/s	0.0701		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.120 g	0.120		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.341 g	0.341		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.193 g	0.193		DfCnd	High	0	0	0	0	2	4	0
4-PP-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+ DG+ Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	2.35 mm/s			2.35		DfCnd	High	0	0	0	2	3.5 6 0
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.681 g			0.681		DfCnd	None					
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	3.18 DEF	3.18		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:38:36	0.107 mm/s	0.107		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:38:36	0.0757 mm/s	0.0757		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:38:36	0.0966 mm/s	0.0966		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.184 g	0.184		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.495 g	0.495		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.371 g	0.371		DfCnd	High	0	0	0	0	2	4	0
4-PP-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+ DG+ Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:38:36	1.95 mm/s			1.95		DfCnd	High	0	0	0	2	3.5 6 0
Overall Acc	IND-0002	Hard	14/02/2019 11:38:36	0.435 g			0.435		DfCnd	None					
Defect factor	IND-0003	Hard	14/02/2019 11:38:36	3.05 DEF	3.05		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:38:36	0.104 mm/s	0.104		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:38:36	0.0759 mm/s	0.0759		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:38:36	0.119 mm/s	0.119		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:38:36	0.152 g	0.152		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:38:36	0.354 g	0.354		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:38:36	0.191 g	0.191		DfCnd	High	0	0	0	0	2	4	0

**AYALA ALABANG\**
**BOOSTER PUMP UNIT 2**

	Selected Date	14/02/2019 11:57:25	Speed	19.9 Hz / 1194 rpm
	Author	u1	Connector	
	System - Serial No	FALCON - 11407	Sensor	



**AYALA ALABANG\**
**BOOSTER PUMP UNIT 2**

	Selected Date	14/02/2019 11:57:25	Speed	19.9 Hz / 1194 rpm
	Author	u1	Connector	
	System - Serial No	FALCON - 11407	Sensor	

Operating param.	1	H/S	Last Date	Value	Unit	T-1	Ref.	Avg										
Ovrl:Rotation speed	Rot Spd	Hard	14/02/2019 11:57:25	1194	rpm		1194											
1-MT-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.884	mm/s		0.884		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.164	g		0.164		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.43	DEF		2.43		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:57:25	0.0427	mm/s		0.0427		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:57:25	0.162	mm/s		0.162		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:57:25	0.0639	mm/s		0.0639		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0828	g		0.0828		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.135	g		0.135		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.0467	g		0.0467		DfCnd	High	0	0	0	0	2	4	0	
1-MT-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	1.19	mm/s		1.19		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.704	g		0.704		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.39	DEF		2.39		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:57:25	0.0491	mm/s		0.0491		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:57:25	0.0839	mm/s		0.0839		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:57:25	0.133	mm/s		0.133		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0430	g		0.0430		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.703	g		0.703		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.0967	g		0.0967		DfCnd	High	0	0	0	0	2	4	0	
1-MT-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.455	mm/s		0.455		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.200	g		0.200		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.44	DEF		2.44		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:57:25	0.0278	mm/s		0.0278		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:57:25	0.0291	mm/s		0.0291		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:57:25	0.0529	mm/s		0.0529		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0290	g		0.0290		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.109	g		0.109		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.171	g		0.171		DfCnd	High	0	0	0	0	2	4	0	
2-MT-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	



AYALA ALABANG\																	
BOOSTER PUMP UNIT 2			Selected Date		14/02/2019 11:57:25				Speed		19.9 Hz / 1194 rpm						
			Author		u1				Connector								
			System - Serial No		FALCON - 11407				Sensor								
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.626 mm/s		0.626		DfCnd		High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.232 g		0.232		DfCnd		None							
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.34 DEF		2.34		DfCnd		High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:57:25	0.0088 mm/s		0.0088		DfCnd		High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:57:25	0.179 mm/s		0.179		DfCnd		High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:57:25	0.0636 mm/s		0.0636		DfCnd		High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0428 g		0.0428		DfCnd		High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.202 g		0.202		DfCnd		High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.100 g		0.100		DfCnd		High	0	0	0	0	2	4	0
2-MT-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.828 mm/s		0.828		DfCnd		High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.433 g		0.433		DfCnd		None							
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.50 DEF		2.50		DfCnd		High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:57:25	0.0864 mm/s		0.0864		DfCnd		High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:57:25	0.163 mm/s		0.163		DfCnd		High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:57:25	0.129 mm/s		0.129		DfCnd		High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0321 g		0.0321		DfCnd		High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.398 g		0.398		DfCnd		High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.155 g		0.155		DfCnd		High	0	0	0	0	2	4	0
2-MT-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.511 mm/s		0.511		DfCnd		High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.333 g		0.333		DfCnd		None							
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.43 DEF		2.43		DfCnd		High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:57:25	0.0983 mm/s		0.0983		DfCnd		High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:57:25	0.0712 mm/s		0.0712		DfCnd		High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:57:25	0.0433 mm/s		0.0433		DfCnd		High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0288 g		0.0288		DfCnd		High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.320 g		0.320		DfCnd		High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.0807 g		0.0807		DfCnd		High	0	0	0	0	2	4	0
3-PP-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.727 mm/s		0.727		DfCnd		High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.332 g		0.332		DfCnd		None							

AYALA ALABANG\																		
BOOSTER PUMP UNIT 2			Selected Date		14/02/2019 11:57:25				Speed		19.9 Hz / 1194 rpm							
			Author		u1				Connector									
			System - Serial No		FALCON - 11407				Sensor									
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.91	DEF		2.91		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:57:25	0.0223	mm/s		0.0223		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:57:25	0.0604	mm/s		0.0604		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:57:25	0.0599	mm/s		0.0599		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0408	g		0.0408		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.241	g		0.241		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.213	g		0.213		DfCnd	High	0	0	0	0	2	4	0	
3-PP-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	1.15	mm/s		1.15		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.564	g		0.564		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	3.09	DEF		3.09		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:57:25	0.126	mm/s		0.126		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:57:25	0.116	mm/s		0.116		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:57:25	0.0545	mm/s		0.0545		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0649	g		0.0649		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.403	g		0.403		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.348	g		0.348		DfCnd	High	0	0	0	0	2	4	0	
3-PP-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.645	mm/s		0.645		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.322	g		0.322		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.98	DEF		2.98		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:57:25	0.0151	mm/s		0.0151		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	14/02/2019 11:57:25	0.0253	mm/s		0.0253		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	14/02/2019 11:57:25	0.0284	mm/s		0.0284		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0380	g		0.0380		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.208	g		0.208		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.232	g		0.232		DfCnd	High	0	0	0	0	2	4	0	
4-PP-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.523	mm/s		0.523		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.329	g		0.329		DfCnd	None								
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.85	DEF		2.85		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	14/02/2019 11:57:25	0.0150	mm/s		0.0150		DfCnd	High	0	0	0	0	3	6	0	

AYALA ALABANG\																	
BOOSTER PUMP UNIT 2			Selected Date		14/02/2019 11:57:25				Speed		19.9 Hz / 1194 rpm						
			Author		u1				Connector								
			System - Serial No		FALCON - 11407				Sensor								
2x	2x	Soft	14/02/2019 11:57:25	0.0322	mm/s		0.0322		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:57:25	0.0926	mm/s		0.0926		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0205	g		0.0205		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.275	g		0.275		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.181	g		0.181		DfCnd	High	0	0	0	0	2	4	0
4-PP-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	1.01	mm/s		1.01		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.568	g		0.568		DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	2.96	DEF		2.96		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:57:25	0.0551	mm/s		0.0551		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:57:25	0.0529	mm/s		0.0529		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:57:25	0.0495	mm/s		0.0495		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0568	g		0.0568		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.442	g		0.442		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.346	g		0.346		DfCnd	High	0	0	0	0	2	4	0
4-PP-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:57:25	0.610	mm/s		0.610		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:57:25	0.335	g		0.335		DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:57:25	3.06	DEF		3.06		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:57:25	0.0426	mm/s		0.0426		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:57:25	0.0365	mm/s		0.0365		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:57:25	0.0574	mm/s		0.0574		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:57:25	0.0392	g		0.0392		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:57:25	0.279	g		0.279		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:57:25	0.180	g		0.180		DfCnd	High	0	0	0	0	2	4	0

AYALA ALABANG\																		
BOOSTER PUMP UNIT 3			Selected Date		14/02/2019 11:43:11			Speed		29.8 Hz / 1787 rpm								
			Author		u1			Connector										
			System - Serial No		FALCON - 11407			Sensor										
Operating param. 1		H/S	Last Date	Value	Unit	T-1	Ref.	Avg										
Ovrl:Rotation speed		Rot Spd	Hard	14/02/2019 11:43:11	1787rpm		1787											
1-MT-Ax		9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel		IND-0001	Hard	14/02/2019 11:43:11	1.58	mm/s		1.58		DfCnd	High	0	0	0	2	3.5	6	0

AYALA ALABANG\																	
BOOSTER PUMP UNIT 3			Selected Date		14/02/2019 11:43:11				Speed		29.8 Hz / 1787 rpm						
			Author		u1				Connector								
			System - Serial No		FALCON - 11407				Sensor								
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.217 g		0.217			DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.26 DEF		2.26			DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:43:11	0.298 mm/s		0.298			DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:43:11	0.325 mm/s		0.325			DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:43:11	0.0744 mm/s		0.0744			DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.147 g		0.147			DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.151 g		0.151			DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.0354 g		0.0354			DfCnd	High	0	0	0	0	2	4	0
1-MT-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	0.915 mm/s		0.915			DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	1.04 g		1.04			DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.00 DEF		2.00			DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:43:11	0.337 mm/s		0.337			DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:43:11	0.406 mm/s		0.406			DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:43:11	0.0037 mm/s		0.0037			DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0386 g		0.0386			DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:43:11	1.05 g		1.05			DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.0470 g		0.0470			DfCnd	High	0	0	0	0	2	4	0
1-MT-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	0.751 mm/s		0.751			DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.127 g		0.127			DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.28 DEF		2.28			DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:43:11	0.0918 mm/s		0.0918			DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:43:11	0.188 mm/s		0.188			DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:43:11	0.0119 mm/s		0.0119			DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0643 g		0.0643			DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.0890 g		0.0890			DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.0613 g		0.0613			DfCnd	High	0	0	0	0	2	4	0
2-MT-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	0.714 mm/s		0.714			DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.227 g		0.227			DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.55 DEF		2.55			DfCnd	High	0	0	0	4	6	9	0

**AYALA ALABANG\**
**BOOSTER PUMP UNIT 3**

	Selected Date	14/02/2019 11:43:11	Speed	29.8 Hz / 1787 rpm
	Author	u1	Connector	
	System - Serial No	FALCON - 11407	Sensor	

1x	1x	Soft	14/02/2019 11:43:11	0.224 mm/s	0.224		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:43:11	0.164 mm/s	0.164		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:43:11	0.0472 mm/s	0.0472		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0546 g	0.0546		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.0650 g	0.0650		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.199 g	0.199		DfCnd	High	0	0	0	0	2	4	0
2-MT-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+ DG+ Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	1.20 mm/s			1.20		DfCnd	High	0	0	0	2	3.5 6 0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.599 g			0.599		DfCnd	None					
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.68 DEF			2.68		DfCnd	High	0	0	0	4	6 9 0
1x	1x	Soft	14/02/2019 11:43:11	0.527 mm/s	0.527				DfCnd	High	0	0	0	0	3 6 0
2x	2x	Soft	14/02/2019 11:43:11	0.524 mm/s	0.524				DfCnd	High	0	0	0	0	1.5 3 0
3x	3x	Soft	14/02/2019 11:43:11	0.0046 mm/s	0.0046				DfCnd	High	0	0	0	0	1 2 0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0893 g	0.0893				DfCnd	High	0	0	0	0	.15 .3 0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.501 g	0.501				DfCnd	High	0	0	0	0	.5 1 0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.308 g	0.308				DfCnd	High	0	0	0	0	2 4 0
2-MT-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+ DG+ Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	1.16 mm/s			1.16		DfCnd	High	0	0	0	2	3.5 6 0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.276 g			0.276		DfCnd	None					
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.62 DEF			2.62		DfCnd	High	0	0	0	4	6 9 0
1x	1x	Soft	14/02/2019 11:43:11	0.431 mm/s	0.431				DfCnd	High	0	0	0	0	3 6 0
2x	2x	Soft	14/02/2019 11:43:11	0.687 mm/s	0.687				DfCnd	High	0	0	0	0	1.5 3 0
3x	3x	Soft	14/02/2019 11:43:11	0.0421 mm/s	0.0421				DfCnd	High	0	0	0	0	1 2 0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0643 g	0.0643				DfCnd	High	0	0	0	0	.15 .3 0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.145 g	0.145				DfCnd	High	0	0	0	0	.5 1 0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.220 g	0.220				DfCnd	High	0	0	0	0	2 4 0
3-PP-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+ DG+ Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	0.870 mm/s			0.870		DfCnd	High	0	0	0	2	3.5 6 0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.609 g			0.609		DfCnd	None					
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.86 DEF			2.86		DfCnd	High	0	0	0	4	6 9 0
1x	1x	Soft	14/02/2019 11:43:11	0.200 mm/s	0.200				DfCnd	High	0	0	0	0	3 6 0
2x	2x	Soft	14/02/2019 11:43:11	0.0843 mm/s	0.0843				DfCnd	High	0	0	0	0	1.5 3 0

AYALA ALABANG\																	
BOOSTER PUMP UNIT 3																	
				Selected Date	14/02/2019 11:43:11				Speed	29.8 Hz / 1787 rpm							
				Author	u1				Connector								
				System - Serial No	FALCON - 11407				Sensor								
3x	3x	Soft	14/02/2019 11:43:11	0.0274	mm/s		0.0274		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0611	g		0.0611		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.470	g		0.470		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.359	g		0.359		DfCnd	High	0	0	0	0	2	4	0
3-PP-RH	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	1.24	mm/s		1.24		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	1.09	g		1.09		DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	3.14	DEF		3.14		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:43:11	0.475	mm/s		0.475		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:43:11	0.667	mm/s		0.667		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:43:11	0.0306	mm/s		0.0306		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0665	g		0.0665		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.898	g		0.898		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.584	g		0.584		DfCnd	High	0	0	0	0	2	4	0
3-PP-RV	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	0.745	mm/s		0.745		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.631	g		0.631		DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	2.89	DEF		2.89		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:43:11	0.0659	mm/s		0.0659		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:43:11	0.0334	mm/s		0.0334		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:43:11	0.0232	mm/s		0.0232		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0609	g		0.0609		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	14/02/2019 11:43:11	0.471	g		0.471		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	14/02/2019 11:43:11	0.399	g		0.399		DfCnd	High	0	0	0	0	2	4	0
4-PP-Ax	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
Overall Vib Vel	IND-0001	Hard	14/02/2019 11:43:11	0.876	mm/s		0.876		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	14/02/2019 11:43:11	0.799	g		0.799		DfCnd	None							
Defect factor	IND-0003	Hard	14/02/2019 11:43:11	3.03	DEF		3.03		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	14/02/2019 11:43:11	0.243	mm/s		0.243		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	14/02/2019 11:43:11	0.116	mm/s		0.116		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	14/02/2019 11:43:11	0.0143	mm/s		0.0143		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	14/02/2019 11:43:11	0.0523	g		0.0523		DfCnd	High	0	0	0	0	.15	.3	0

AYALA ALABANG\

BOOSTER PUMP UNIT 3

Selected Date

14/02/2019 11:43:11

Speed

29.8 Hz / 1787 rpm

Author

u1

Connector

System - Serial No

FALCON - 11407

Sensor

En-MF

En-MF

Soft

14/02/2019 11:43:11

0.468g

0.468

DfCnd

High

0

0

0

0

.5

1

0

En-HF

En-HF

Soft

14/02/2019 11:43:11

0.646g

0.646

DfCnd

High

0

0

0

0

2

4

0

4-PP-RH

9

H/S

Last Date

Value

Unit

T-1

Ref.

Avg

Oper.

AlmTyp

DG-

AL-

pA-

pA+

AL+

DG+

Err

Overall Vib Vel

IND-0001

Hard

14/02/2019 11:43:11

1.01

mm/s

1.01

DfCnd

High

0

0

0

0

2

3.5

6

0

Overall Acc

IND-0002

Hard

14/02/2019 11:43:11

1.39g

1.39

DfCnd

None

Defect factor

IND-0003

Hard

14/02/2019 11:43:11

3.54

DEF

3.54

DfCnd

High

0

0

0

4

6

9

0

1x

1x

Soft

14/02/2019 11:43:11

0.0997

mm/s

0.0997

DfCnd

High

0

0

0

0

3

6

0

2x

2x

Soft

14/02/2019 11:43:11

0.481

mm/s

0.481

DfCnd

High

0

0

0

0

1.5

3

0

3x

3x

Soft

14/02/2019 11:43:11

0.0348

mm/s

0.0348

DfCnd

High

0

0

0

0

1

2

0

En-LF

En-LF

Soft

14/02/2019 11:43:11

0.0612g

0.0612

DfCnd

High

0

0

0

0

.15

.3

0

En-MF

En-MF

Soft

14/02/2019 11:43:11

0.634g

0.634

DfCnd

High

0

0

0

0

.5

1

0

En-HF

En-HF

Soft

14/02/2019 11:43:11

1.19g

1.19

DfCnd

High

0

0

0

0

2

4

0

4-PP-RV

9

H/S

Last Date

Value

Unit

T-1

Ref.

Avg

Oper.

AlmTyp

DG-

AL-

pA-

pA+

AL+

DG+

Err

Overall Vib Vel

IND-0001

Hard

14/02/2019 11:43:11

0.744

mm/s

0.744

DfCnd

High

0

0

0

2

3.5

6

0

Overall Acc

IND-0002

Hard

14/02/2019 11:43:11

0.801g

0.801

DfCnd

None

Defect factor

IND-0003

Hard

14/02/2019 11:43:11

3.12

DEF

3.12

DfCnd

High

0

0

0

4

6

9

0

1x

1x

Soft

14/02/2019 11:43:11

0.108

mm/s

0.108

DfCnd

High

0

0

0

0

3

6

0

2x

2x

Soft

14/02/2019 11:43:11

0.0678

mm/s

0.0678

DfCnd

High

0

0

0

0

1.5

3

0

3x

3x

Soft

14/02/2019 11:43:11

0.0105

mm/s

0.0105

DfCnd

High

0

0

0

0

1

2

0

En-LF

En-LF

Soft

14/02/2019 11:43:11

0.0413g

0.0413

DfCnd

High

0

0

0

0

.15

.3

0

En-MF

En-MF

Soft

14/02/2019 11:43:11

0.552g

0.552

DfCnd

High

0

0

0

0

.5

1

0

En-HF

En-HF

Soft

14/02/2019 11:43:11

0.563g

0.563

DfCnd

High

0

0

0

0

2

4

0