

DOCUMENT TITLE

NOVELETA PUMPING STATION MOTOR & PUMP UNITS  
VA STATUS REPORT AS OF FEB 2019

COMMENT

NOVELETA PUMPING STATION
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VISA

Written by	Approved by	State	Date
ENGR. JAY DIMALIBOT	ENGR. PETER VASQUEZ	PHI	25/03/2019 09:14:03

**Table of contents**

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

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

[Analysis Report.....](#)12


## Synthesis Report

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

Location	Equipment	Diagnosis				Recommendations
		Previous Date		Current Date		
NOVELETA\	BOOSTER PUMP UNIT 1			GOOD		No action required
				15/02/2019 09:08:30		
		Oper.		Oper.	DfCnd	
		Vibrations are within acceptable levels				
NOVELETA\	BOOSTER PUMP UNIT 2			FAIR		Monitor Slight Unbalance Motor Fan
				15/02/2019 09:15:13		
		Oper.		Oper.	DfCnd	
		Slight Unbalance Motor Fan				
NOVELETA\	BOOSTER PUMP UNIT 3					
		Oper.		Oper.		
NOVELETA\	BOOSTER PUMP UNIT 4			GOOD		Continue monitor vibrations periodically
				15/02/2019 09:19:08		
		Oper.		Oper.	DfCnd	
		Vibrations are within acceptable levels				

## Expertise Report


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

Location	NOVELETA\		Fixed speed	
Designation	NOVELETA PUMP STATION			
Equipment	BOOSTER PUMP UNIT 1			
Designation				
Abbreviation	BP#1			
Serial No				
Model				
Periodicity (d)	Normal 60	Alarm 15		
Previous Advice		Condition	Rotation Speed	
Date	15/02/2019 09:08:30			Speed 19.8 Hz / 1185 rpm
	GOOD			Author u1
	Health is good for a long time service without restriction.			System - Serial FALCON - 11407
Condition				Sensor
DfCnd				Connector
Diagnosis & Recommendation			Parameters sheet	
Diagnosis				
Vibrations are within acceptable levels				
Good overall state for component 'Electric motor'.				
Recommendations				
No action required				
No action required				

IP1.jpg



dirty

Location	NOVELETA\		Fixed speed	
Designation	NOVELETA PUMP STATION			
Equipment	BOOSTER PUMP UNIT 2			
Designation				
Abbreviation	BP#2			
Serial No				
Model				
Periodicity (d)	Normal 60	Alarm 15		
Previous Advice		Condition	Rotation Speed	
Date	15/02/2019 09:15:13		Speed 29.9 Hz / 1795 rpm	
	FAIR		Author u1	
	Health is not acceptable for a long time service.		System - Serial FALCON - 11407	
Condition			Sensor	
DfCnd			Connector	
Diagnosis & Recommendation			Parameters sheet	
Diagnosis				
Slight Unbalance Motor Fan				
Overall state still acceptable for the component 'Electric motor'.				
Slight Unbalance Motor Fan				
Recommendations				
Monitor Slight Unbalance Motor Fan				
Monitor Slight Unbalance Motor Fan. Clean up on next PM or remove buildup dirt on blades				
IP2.jpg				

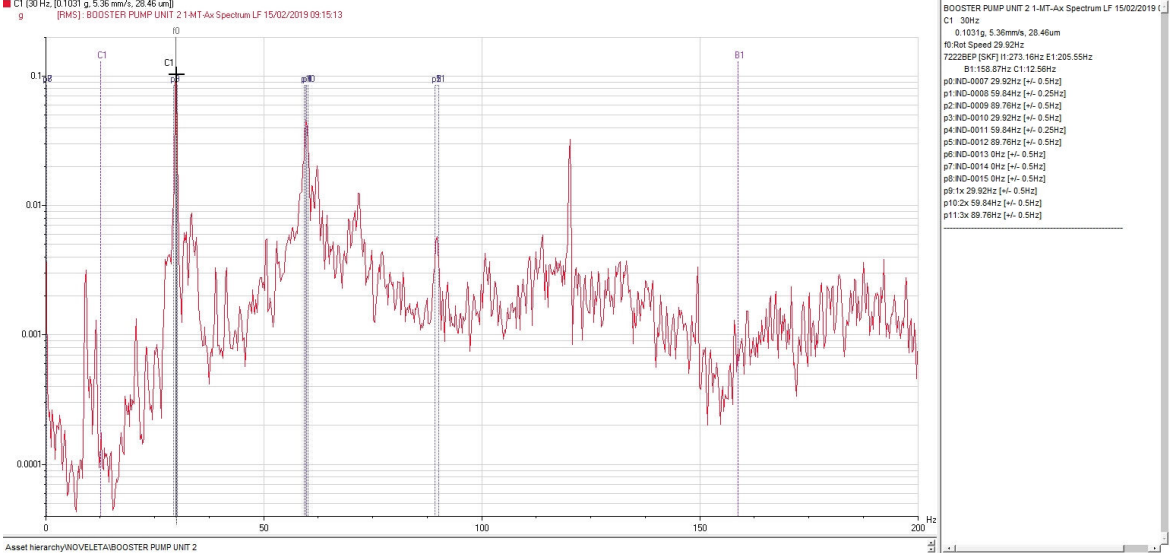




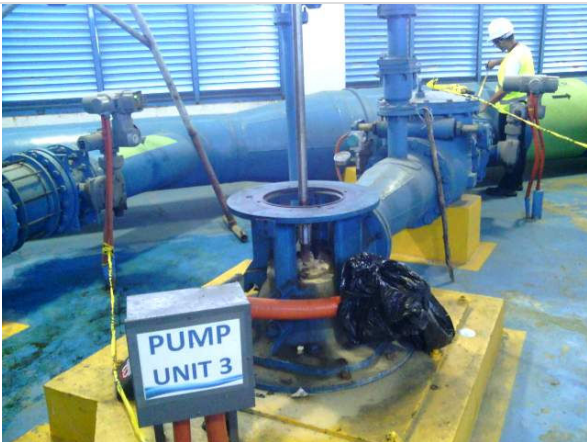
dirty  
IP3.jpg




1409d2.jpg





Location	NOVELETA\		Fixed speed	
Designation	NOVELETA PUMP STATION			
Equipment	BOOSTER PUMP UNIT 3			
Designation				
Abbreviation	BP#3			
Serial No				
Model				
Periodicity (d)	Normal 60	Alarm 15		
Previous Advice			Condition	Rotation Speed
Date			Speed 29.2 Hz / 1750 rpm	
Condition			Author	
			System - Serial	
			Sensor	
			Connector	
Diagnosis & Recommendation			Parameters sheet	
Diagnosis				
Recommendations				

<b>Location</b>	NOVELETA\		<b>Fixed speed</b>	
<b>Designation</b>	NOVELETA PUMP STATION			
<b>Equipment</b>	BOOSTER PUMP UNIT 4			
<b>Designation</b>				
<b>Abbreviation</b>	BP#4			
<b>Serial No</b>				
<b>Model</b>				
<b>Periodicity (d)</b>	<b>Normal 60</b>	<b>Alarm 15</b>		
<b>Previous Advice</b>			<b>Condition</b>	<b>Rotation Speed</b>
<b>Date</b>	<b>15/02/2019 09:19:08</b>		<b>Speed 29.9 Hz / 1791 rpm</b>	
<b>Condition</b>	<b>GOOD</b>		<b>Author u1</b>	
<b>DfCnd</b>	<b>Health is good for a long time service without restriction.</b>		<b>System - Serial FALCON - 11407</b>	
			<b>Sensor</b>	
			<b>Connector</b>	
<b>Diagnosis &amp; Recommendation</b>			<b>Parameters sheet</b>	
<b>Diagnosis</b>				
<b>Vibrations are within acceptable levels</b>				
<b>Overall state still acceptable for the component 'Electric motor'.</b>				
<b>Recommendations</b>				
<b>Continue monitor vibrations periodically</b>				
<b>Continue monitor vibrations periodically</b>				

IP4.jpg



IP5.jpg





## Analysis Report

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

### NOVELETA\

#### BOOSTER PUMP UNIT 1

	Selected Date	15/02/2019 09:08:30	Speed	19.8 Hz / 1185 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	15/02/2019 09:08:30	1185	rpm		1185										
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	15/02/2019 09:08:30	2.15	mm/s		2.15		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30	0.205	g		0.205		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:08:30	2.57	DEF		2.57		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:08:30	0.883	mm/s		0.883		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:08:30	0.0845	mm/s		0.0845		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:08:30	0.199	mm/s		0.199		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:08:30	0.0763	g		0.0763		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:08:30	0.149	g		0.149		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:08:30	0.118	g		0.118		DfCnd	High	0	0	0	0	2	4	0
1-MT-R=	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg									
Overall Vib Vel	IND-0001	Hard	15/02/2019 09:08:30	0.844	mm/s		0.844		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30	0.320	g		0.320		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:08:30	2.45	DEF		2.45		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:08:30	0.590	mm/s		0.590		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:08:30	0.0353	mm/s		0.0353		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:08:30	0.0881	mm/s		0.0881		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:08:30	0.0336	g		0.0336		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:08:30	0.239	g		0.239		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:08:30	0.206	g		0.206		DfCnd	High	0	0	0	0	2	4	0
1-MT-RT	9	H/S	Last Date	Value	Unit	T-1	Ref.	Avg									
Overall Vib Vel	IND-0001	Hard	15/02/2019 09:08:30	0.890	mm/s		0.890		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30	0.254	g		0.254		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:08:30	2.13	DEF		2.13		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:08:30	0.315	mm/s		0.315		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:08:30	0.0441	mm/s		0.0441		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:08:30	0.0676	mm/s		0.0676		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:08:30	0.0420	g		0.0420		DfCnd	High	0	0	0	0	.15	.3	0



NOVELETA\

BOOSTER PUMP UNIT 1

BOOSTER PUMP UNIT 1			Selected Date	15/02/2019 09:08:30					Speed		19.8 Hz / 1185 rpm							
			Author	u1					Connector									
			System - Serial No	FALCON - 11407					Sensor									
En-MF	En-MF	Soft	15/02/2019 09:08:30	0.140g			0.140		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:08:30	0.207g			0.207		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	15/02/2019 09:08:30	1.08mm/s			1.08		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30	0.210g			0.210		DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:08:30	2.42DEF			2.42		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:08:30	0.366mm/s			0.366		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:08:30	0.0263mm/s			0.0263		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:08:30	0.0926mm/s			0.0926		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:08:30	0.0622g			0.0622		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:08:30	0.0939g			0.0939		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:08:30	0.169g			0.169		DfCnd	High	0	0	0	0	2	4	0	
2-MT-R=	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	15/02/2019 09:08:30	0.431mm/s			0.431		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30	0.434g			0.434		DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:08:30	2.41DEF			2.41		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:08:30	0.239mm/s			0.239		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:08:30	0.0213mm/s			0.0213		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:08:30	0.0268mm/s			0.0268		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:08:30	0.0239g			0.0239		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:08:30	0.216g			0.216		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:08:30	0.371g			0.371		DfCnd	High	0	0	0	0	2	4	0	
2-MT-RT	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	15/02/2019 09:08:30	1.08mm/s			1.08		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30	0.287g			0.287		DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:08:30	2.56DEF			2.56		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:08:30	0.246mm/s			0.246		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:08:30	0.0356mm/s			0.0356		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:08:30	0.0602mm/s			0.0602		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:08:30	0.0672g			0.0672		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:08:30	0.159g			0.159		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:08:30	0.225g			0.225		DfCnd	High	0	0	0	0	2	4	0	



NOVELETA\

BOOSTER PUMP UNIT 1			Selected Date		15/02/2019 09:08:30				Speed		19.8 Hz / 1185 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	15/02/2019 09:08:30						DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30						DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:08:30						DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	2	4	0	
3-PP-R=	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	15/02/2019 09:08:30						DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30						DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:08:30						DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	2	4	0	
3-PP-RT	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	15/02/2019 09:08:30						DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30						DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:08:30						DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:08:30						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	15/02/2019 09:08:30						DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30						DfCnd	None								

NOVELETA\

BOOSTER PUMP UNIT 1			Selected Date	15/02/2019 09:08:30					Speed	19.8 Hz / 1185 rpm							
			Author	u1					Connector								
			System - Serial No	FALCON - 11407					Sensor								
Defect factor	IND-0003	Hard	15/02/2019 09:08:30						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	2	4	0
4-PP-R=	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	15/02/2019 09:08:30						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:08:30						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	2	4	0
4-PP-RT	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	15/02/2019 09:08:30						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:08:30						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:08:30						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:08:30						DfCnd	High	0	0	0	0	2	4	0

<b>NOVELETA\</b>														
<b>BOOSTER PUMP UNIT 2</b>				Selected Date	15/02/2019 09:15:13				Speed	29.9 Hz / 1795 rpm				
				Author	u1				Connector					
				System - Serial No	FALCON - 11407				Sensor					

**NOVELETA\**

BOOSTER PUMP UNIT 2			Selected Date		15/02/2019 09:15:13				Speed		29.9 Hz / 1795 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	15/02/2019 09:15:13	1795	rpm		1795											
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	15/02/2019 09:15:13	6.53	mm/s		6.53		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13	0.317	g		0.317		DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:15:13	2.26	DEF		2.26		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:15:13	5.37	mm/s		5.37		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:15:13	1.19	mm/s		1.19		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:15:13	0.0998	mm/s		0.0998		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:15:13	0.153	g		0.153		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:15:13	0.197	g		0.197		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:15:13	0.189	g		0.189		DfCnd	High	0	0	0	0	2	4	0	
1-MT-R=	9	H/S	Last Date	Value	Unit <th>T-1</th> <th>Ref.</th> <th>Avg</th> <th>Oper.</th> <th>AlmTyp</th> <th>DG-</th> <th>AL-</th> <th>pA-</th> <th>pA+</th> <th>AL+</th> <th>DG+</th> <th>Err</th>	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	15/02/2019 09:15:13	4.77	mm/s		4.77		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13	0.365	g		0.365		DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:15:13	2.42	DEF		2.42		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:15:13	3.95	mm/s		3.95		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:15:13	0.225	mm/s		0.225		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:15:13	0.0340	mm/s		0.0340		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:15:13	0.0956	g		0.0956		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:15:13	0.258	g		0.258		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:15:13	0.231	g		0.231		DfCnd	High	0	0	0	0	2	4	0	
1-MT-RT	9	H/S	Last Date	Value	Unit <th>T-1</th> <th>Ref.</th> <th>Avg</th> <th>Oper.</th> <th>AlmTyp</th> <th>DG-</th> <th>AL-</th> <th>pA-</th> <th>pA+</th> <th>AL+</th> <th>DG+</th> <th>Err</th>	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	
Overall Vib Vel	IND-0001	Hard	15/02/2019 09:15:13	2.78	mm/s		2.78		DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13	0.372	g		0.372		DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:15:13	2.35	DEF		2.35		DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:15:13	1.36	mm/s		1.36		DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:15:13	0.723	mm/s		0.723		DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:15:13	0.0347	mm/s		0.0347		DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:15:13	0.107	g		0.107		DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:15:13	0.304	g		0.304		DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:15:13	0.181	g		0.181		DfCnd	High	0	0	0	0	2	4	0	
2-MT-Ax	9	H/S	Last Date	Value	Unit <th>T-1</th> <th>Ref.</th> <th>Avg</th> <th>Oper.</th> <th>AlmTyp</th> <th>DG-</th> <th>AL-</th> <th>pA-</th> <th>pA+</th> <th>AL+</th> <th>DG+</th> <th>Err</th>	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err	

NOVELETA\																
BOOSTER PUMP UNIT 2			Selected Date		15/02/2019 09:15:13				Speed		29.9 Hz / 1795 rpm					
			Author		u1				Connector							
			System - Serial No		FALCON - 11407				Sensor							
Overall Vib Vel	IND-0001	Hard	15/02/2019 09:15:13	3.36mm/s		3.36		DfCnd High		0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13	0.437g		0.437		DfCnd None								
Defect factor	IND-0003	Hard	15/02/2019 09:15:13	2.38DEF		2.38		DfCnd High		0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13	2.60mm/s		2.60		DfCnd High		0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13	0.103mm/s		0.103		DfCnd High		0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13	0.0874mm/s		0.0874		DfCnd High		0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13	0.145g		0.145		DfCnd High		0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13	0.294g		0.294		DfCnd High		0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13	0.281g		0.281		DfCnd High		0	0	0	0	2	4	0
2-MT-R=	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	15/02/2019 09:15:13	2.31mm/s		2.31		DfCnd High		0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13	0.443g		0.443		DfCnd None								
Defect factor	IND-0003	Hard	15/02/2019 09:15:13	2.47DEF		2.47		DfCnd High		0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13	1.95mm/s		1.95		DfCnd High		0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13	0.0438mm/s		0.0438		DfCnd High		0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13	0.0229mm/s		0.0229		DfCnd High		0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13	0.0773g		0.0773		DfCnd High		0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13	0.359g		0.359		DfCnd High		0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13	0.254g		0.254		DfCnd High		0	0	0	0	2	4	0
2-MT-RT	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	15/02/2019 09:15:13	1.90mm/s		1.90		DfCnd High		0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13	0.489g		0.489		DfCnd None								
Defect factor	IND-0003	Hard	15/02/2019 09:15:13	2.57DEF		2.57		DfCnd High		0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13	1.12mm/s		1.12		DfCnd High		0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13	0.0532mm/s		0.0532		DfCnd High		0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13	0.0371mm/s		0.0371		DfCnd High		0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13	0.0869g		0.0869		DfCnd High		0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13	0.290g		0.290		DfCnd High		0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13	0.384g		0.384		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	15/02/2019 09:15:13					DfCnd High		0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13					DfCnd None								

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BOOSTER PUMP UNIT 2			Selected Date		15/02/2019 09:15:13				Speed		29.9 Hz / 1795 rpm						
			Author		u1				Connector								
			System - Serial No		FALCON - 11407				Sensor								
Defect factor	IND-0003	Hard	15/02/2019 09:15:13						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	2	4	0
3-PP-R=	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	15/02/2019 09:15:13						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:15:13						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	2	4	0
3-PP-RT	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	15/02/2019 09:15:13						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:15:13						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13						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	15/02/2019 09:15:13						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:15:13						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	3	6	0



NOVELETA\

BOOSTER PUMP UNIT 2			Selected Date	15/02/2019 09:15:13					Speed		29.9 Hz / 1795 rpm						
			Author	u1					Connector								
			System - Serial No	FALCON - 11407					Sensor								
2x	2x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	2	4	0
4-PP-R=	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	15/02/2019 09:15:13						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:15:13						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	2	4	0
4-PP-RT	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	15/02/2019 09:15:13						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:15:13						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:15:13						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:15:13						DfCnd	High	0	0	0	0	2	4	0

NOVELETA\																
BOOSTER PUMP UNIT 3																
			Selected Date						Speed	29.2 Hz / 1750 rpm						
			Author						Connector							
			System - Serial No						Sensor							
Operating param.	H/S	Last Date	Value	Unit	T-1	Ref.	Avg									
1-MT-Ax	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
1-MT-R=	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
1-MT-RT	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err
2-MT-Ax	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+	Err

<b>NOVELETA\</b>															
<b>BOOSTER PUMP UNIT 3</b>															
								Selected Date				Speed		29.2 Hz / 1750 rpm	
								Author				Connector			
								System - Serial No				Sensor			
2-MT-R=	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err
2-MT-RT	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err
3-PP-Ax	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err
3-PP-R=	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err
3-PP-RT	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err
4-PP-Ax	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err
4-PP-R=	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err
4-PP-RT	H/S	Last Date	Value	Unit	T-1	Ref.	Avg	Oper.	AlmTyp	DG-	AL-	pA-	pA+	AL+	DG+ Err

NOVELETA\																	
BOOSTER PUMP UNIT 4		Selected Date			15/02/2019 09:19:08				Speed			29.9 Hz / 1791 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	15/02/2019 09:19:08	1791rpm			1791										
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	15/02/2019 09:19:08	2.58mm/s			2.58		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08	0.249g			0.249		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08	2.29DEF			2.29		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08	1.62mm/s			1.62		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08	0.134mm/s			0.134		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08	0.149mm/s			0.149		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08	0.103g			0.103		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08	0.180g			0.180		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08	0.139g			0.139		DfCnd	High	0	0	0	0	2	4	0
1-MT-R=	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	15/02/2019 09:19:08	4.38mm/s			4.38		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08	0.398g			0.398		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08	2.43DEF			2.43		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08	3.74mm/s			3.74		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08	0.165mm/s			0.165		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08	0.223mm/s			0.223		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08	0.0857g			0.0857		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08	0.287g			0.287		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08	0.265g			0.265		DfCnd	High	0	0	0	0	2	4	0
1-MT-RT	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	15/02/2019 09:19:08	1.59mm/s			1.59		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08	0.350g			0.350		DfCnd	None							

NOVELETA\																	
BOOSTER PUMP UNIT 4			Selected Date		15/02/2019 09:19:08				Speed		29.9 Hz / 1791 rpm						
			Author		u1				Connector								
			System - Serial No		FALCON - 11407				Sensor								
Defect factor	IND-0003	Hard	15/02/2019 09:19:08	2.37	DEF		2.37		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08	0.998	mm/s		0.998		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08	0.114	mm/s		0.114		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08	0.0913	mm/s		0.0913		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08	0.104	g		0.104		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08	0.151	g		0.151		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08	0.296	g		0.296		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	15/02/2019 09:19:08	1.70	mm/s		1.70		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08	0.304	g		0.304		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08	2.37	DEF		2.37		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08	0.902	mm/s		0.902		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08	0.0804	mm/s		0.0804		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08	0.0837	mm/s		0.0837		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08	0.0849	g		0.0849		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08	0.201	g		0.201		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08	0.202	g		0.202		DfCnd	High	0	0	0	0	2	4	0
2-MT-R=	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	15/02/2019 09:19:08	1.68	mm/s		1.68		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08	0.472	g		0.472		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08	2.47	DEF		2.47		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08	1.40	mm/s		1.40		DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08	0.0486	mm/s		0.0486		DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08	0.0881	mm/s		0.0881		DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08	0.0436	g		0.0436		DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08	0.410	g		0.410		DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08	0.238	g		0.238		DfCnd	High	0	0	0	0	2	4	0
2-MT-RT	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	15/02/2019 09:19:08	1.83	mm/s		1.83		DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08	0.368	g		0.368		DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08	2.45	DEF		2.45		DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08	0.645	mm/s		0.645		DfCnd	High	0	0	0	0	3	6	0

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BOOSTER PUMP UNIT 4		Selected Date		15/02/2019 09:19:08					Speed		29.9 Hz / 1791 rpm							
		Author		u1					Connector									
		System - Serial No		FALCON - 11407					Sensor									
2x	2x	Soft	15/02/2019 09:19:08	0.158mm/s		0.158			DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:19:08	0.127mm/s		0.127			DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:19:08	0.119g		0.119			DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:19:08	0.200g		0.200			DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:19:08	0.278g		0.278			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	15/02/2019 09:19:08						DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08						DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:19:08						DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	2	4	0	
3-PP-R=	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	15/02/2019 09:19:08						DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08						DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:19:08						DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1	2	0	
En-LF	En-LF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.15	.3	0	
En-MF	En-MF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.5	1	0	
En-HF	En-HF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	2	4	0	
3-PP-RT	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	15/02/2019 09:19:08						DfCnd	High	0	0	0	2	3.5	6	0	
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08						DfCnd	None								
Defect factor	IND-0003	Hard	15/02/2019 09:19:08						DfCnd	High	0	0	0	4	6	9	0	
1x	1x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	3	6	0	
2x	2x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1.5	3	0	
3x	3x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1	2	0	

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BOOSTER PUMP UNIT 4			Selected Date		15/02/2019 09:19:08				Speed		29.9 Hz / 1791 rpm						
			Author		u1				Connector								
			System - Serial No		FALCON - 11407				Sensor								
En-LF	En-LF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08						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	15/02/2019 09:19:08						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	2	4	0
4-PP-R=	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	15/02/2019 09:19:08						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	2	4	0
4-PP-RT	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	15/02/2019 09:19:08						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.5	1	0
En-HF	En-HF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	2	4	0
4-PP-RT	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	15/02/2019 09:19:08						DfCnd	High	0	0	0	2	3.5	6	0
Overall Acc	IND-0002	Hard	15/02/2019 09:19:08						DfCnd	None							
Defect factor	IND-0003	Hard	15/02/2019 09:19:08						DfCnd	High	0	0	0	4	6	9	0
1x	1x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	3	6	0
2x	2x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1.5	3	0
3x	3x	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	1	2	0
En-LF	En-LF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.15	.3	0
En-MF	En-MF	Soft	15/02/2019 09:19:08						DfCnd	High	0	0	0	0	.5	1	0



<b>NOVELETA\</b>				
<b>BOOSTER PUMP UNIT 4</b>	<i>Selected Date</i>	15/02/2019 09:19:08	<i>Speed</i>	29.9 Hz / 1791 rpm
	<i>Author</i>	u1	<i>Connector</i>	
	<i>System - Serial No</i>	FALCON - 11407	<i>Sensor</i>	
En-HF	En-HF	Soft 15/02/2019 09:19:08		DfCnd High 0 0 0 0 2 4 0