

Condition Monitoring Reports

CM Reports



Microsoft Excel - Dairy Crest Minsterley

File Edit View Insert Format Tools Data Window Help

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WYKO INDUSTRIAL SERVICES <small>much more than you imagine</small>		Motor Management and Condition Monitoring Overview	Customer's Logo	Asset Data							Machine in a normal condition Machine in a warning condition Machine in a critical condition Unable to take data.												Report by Chris Greenaway 9/9/2004	
Area	Plant	Machine	kV	Frame	Poles	Mounting	Asset No	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	Latest Comments				
Site Services	Blast Chill Compressors	Reciprocating Compressor	30	200	2	B35	M10001	N																
Site Services	Blast Chill Compressors	Reciprocating Compressor	30	200	2	B35	M10002	N																
Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10003	C																
Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10004	C																
Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10005	N																
Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10006	N																
Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10007	U	U	U	N	N												
Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10008	N	N	N	N	N												
Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10009	N	N	W	N	N												
Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10010	N	N	N	N	W								Increase in vibration. We recommend you check all mounts and fixings and we will continue to monitor.				

The data is summarised in MS-Excel thus it can be e-mailed to and around site.

The previous conditions are show so that you can see that corrective actions were carried out.

The tools of Excel can be utilised for example Filters can be applied to find the outstanding warning or critical conditions.

Previous comments are stored using the comment facility shown by red triangle in corner.....

CM Reports.....

The comments have now been made visible – this also occurs when the cursor is hovered over the cell

	Area	Plant	Machine	kV	Frame	Poles	Mounting	Asset No	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	Latest Comments
6																					
7	Site Services	Blast Chill Compressors	Reciprocating Compressor	30	200	2	B35	M10001	N		N		N								
8	Site Services	Blast Chill Compressors	Reciprocating Compressor	30	200	2	B35	M10002	N		N		N								
9	Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10003	N		N		N								
10	Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10004	N		N		N								
11	Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10005	N		N		N								
12	Site Services	Boiler House	Combustion Air Fans	30	200	2	B35	M10006	N		N		N								
13	Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10007	U	U	U	N	N								
14	Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10008	N	N	N	N	N								
15	Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10009	N	N	W	N	N								
16	Site Services	Compressor House	Reciprocating Compressors	154	315	2	B34	M10010	N	N	N	N	W								Increase in vibration. We recommend you check all mounts and fixings and we will continue to monitor.
17	<div>Chris Greenaway: Drive end bearing gSE. Large velocity increase all round particularly on drive end. 4600CPM not motor speed related. Not on pump therefore is motor recommend removal for overhaul. Memo.</div>																				
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Chris Greenaway:
Drive end bearing gSE. Large velocity increase all round particularly on drive end. 4600CPM not motor speed related. Not on pump therefore is motor recommend removal for overhaul. Memo.

Chris Greenaway:
The fan cowl of this motor is blocked. We recommend cleaning the unit.

Chris Greenaway:
Unable to take data. Motor does not run long enough.

Chris Greenaway:
Fan cowl clean

Chris Greenaway:
Increase in vibration. We recommend you check all mounts and fixings and we will continue to monitor.

Chris Greenaway:
Motor Repaired

Memos are then issued as follows.....

start

Inbox - Micros...

2 Internet E...

3 Microsoft E...

Templates

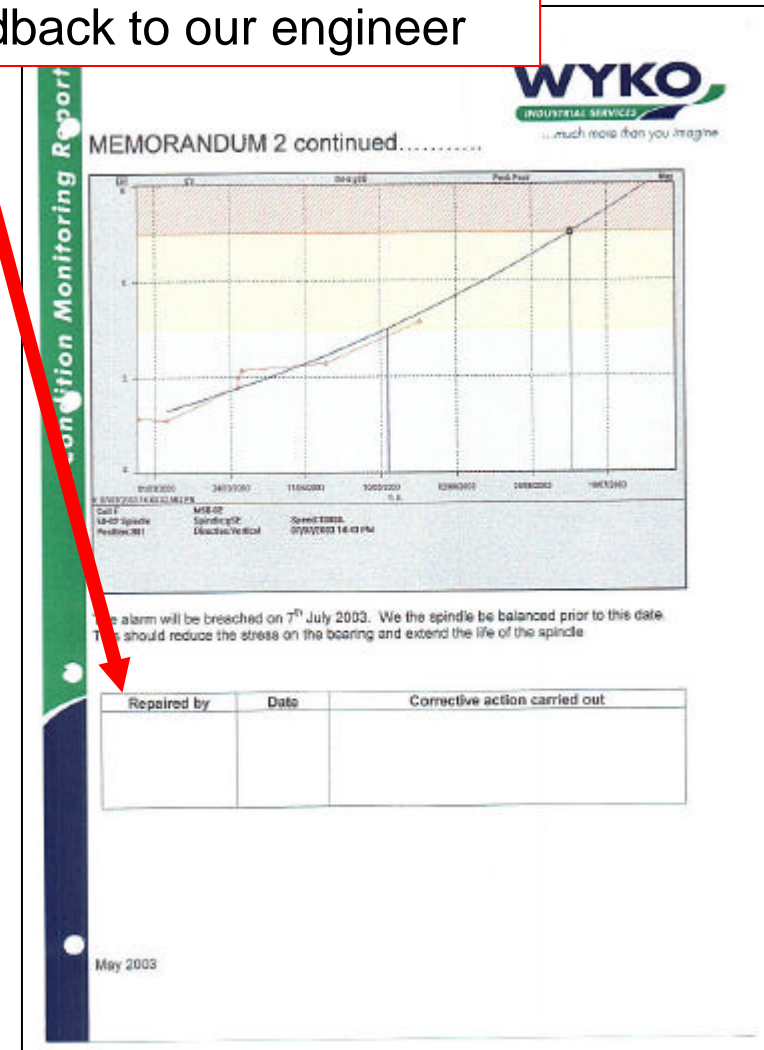
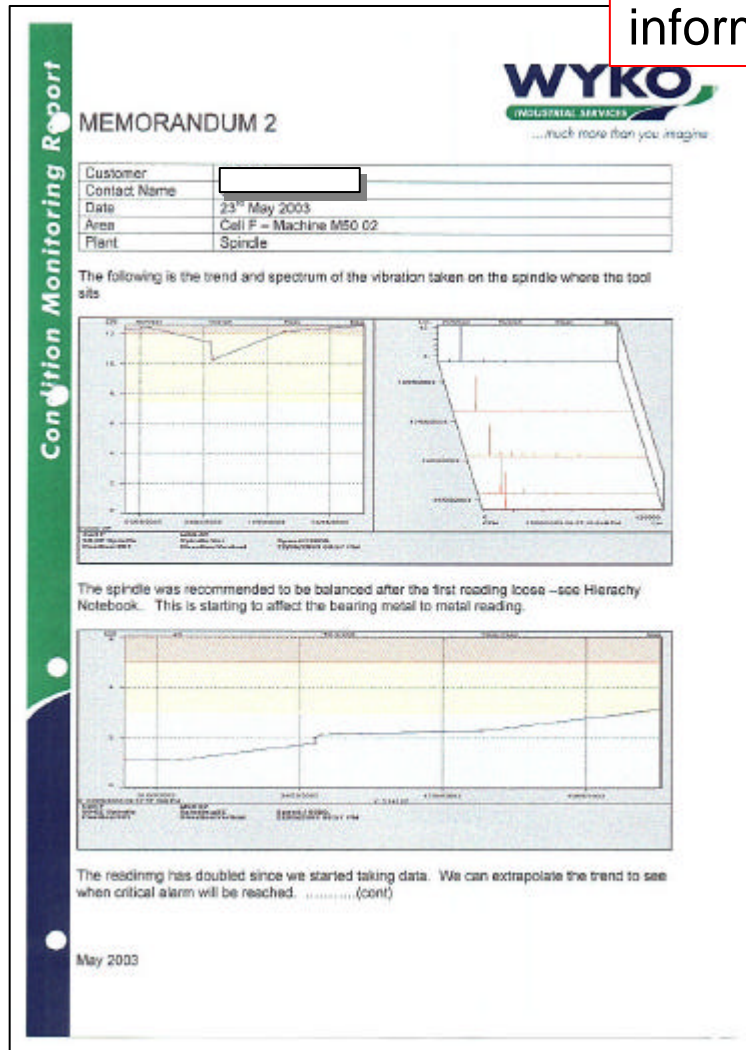
ADI Cadbury

Microsoft Pow...

13:15

Vibration Report - Memo

Space for customer to fill in so that information is feedback to our engineer



Enough graphs and words as is required to tell customer why he needs to take the action we recommend.

Thermo Report Explained

Customer, site contact,
surveyor, date of survey,
report page no

Thermal image arrow
helping to identify fault

Digital photograph again
with arrow

Plant and Component showing
exact location of defect, you
should be able to locate the
fault without a picture

Likely cause and
recommendations

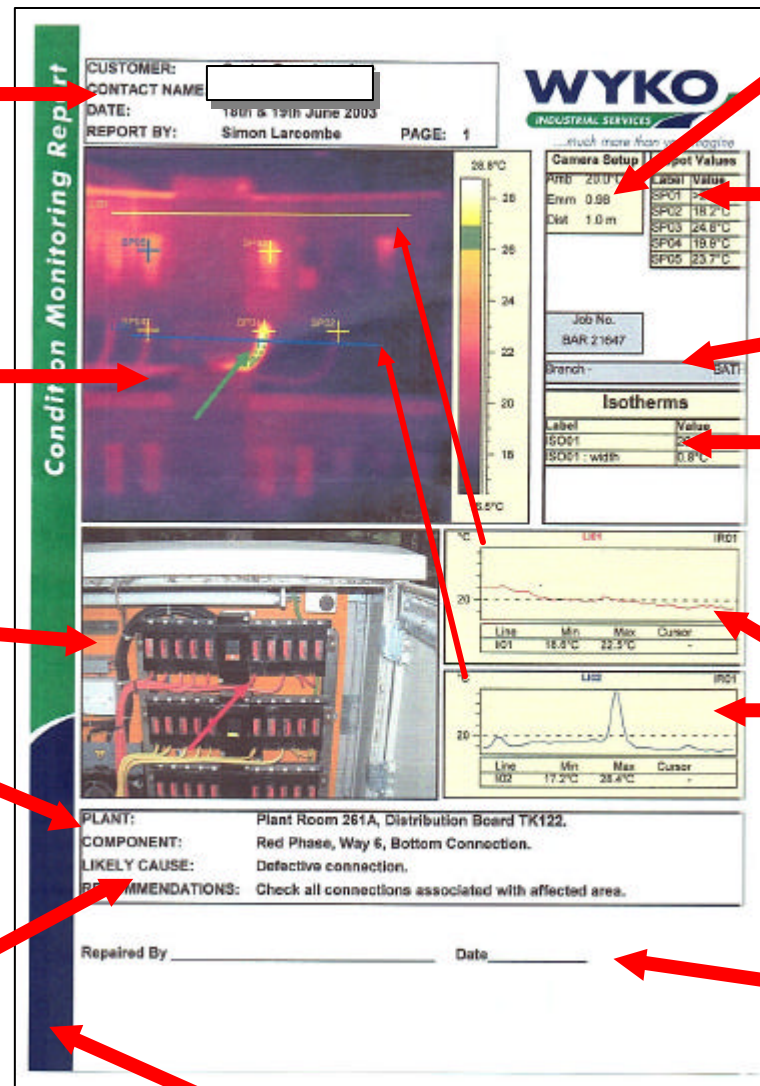
Camera set up data
in order that image
can be repeated

Spot temperatures, 1
to 10 can be added,
Branch and job no.

Isotherm data,
show items of
equal temperature

Temperature
profiles, taken
from image

Space for
customer to enter
who repaired it
and what date



Stripe is part of paper