



"Your Direct Source for Plant Maintenance, Reliability, Test & Measurement"

www.reliabilitydirectstore.com

2911 South Shore Blvd. Suite 170, League City, TX USA 77573 Phone: 281-957-5283 Fax: 281-334-4255

NEW Condition Calculator 4.0

NEW Easy-to-Use User Interface

- Single page for both Data Entry & Analysis
- Simply type in and store your test results quickly
 - Motor ID, Test Date, Phase Test Results, plus enter results from the AT31's unique rotor test, EMI Test and phase balance test!

Condition Calculator 4.0

ALL-TEST Condition Calculator

Motor ID: FAN1 Sort by ID (selected) Sort by Date

Test Date: 2007-09-28

	T1-T2	T1-T3	T2-T3	Conclusion
Impedance (Z)	26	26	28	5.00
I / F	-41	-42	-44	3.00
Phase Angle (fi)	71	71	74	7.00
Phase Balance (pb)	0	4	7	7.00

Insulation Resistance: 500 MegOhm

Test Volt: 500V 1000V

EMI Test: High Low

EMI Test: [] mV

Test Frequency: 200

Rotor Test Passed: Not Tested

Rotor Compensated:

Findings

- Shorted Winding.
- Recommend check at motor if tested from MCC.

Saved Records

- ABC9 [2006-10-18]
- FAN1 [2007-09-28]
- XYZ123 [2007-10-18]

Buttons: Test, Clear, Save, Delete, Print, About, Exit

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NEW Easy-to-Read Report

- Report shows Test Values & Findings
 - Findings will state condition of the 3-phase winding
 - Report lists phase unbalances for user review
 - Easy to read report format

Condition Calculator - Report

- 1 -

October 22, 2007 10:34 AM

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Motor ID:      FAN1
Test Date:    2007-09-28

                T1-T2      T1-T3      T2-T3
Impedance:    26          26          28          5.00
I / F       : -41         -42         -44         3.00
Phase Angle: 71          71          74          3.00
Phase Balance: 0          4           7           7.00
Insulation:  500 MegOhm
Test Volt :   500V

                High      Low
EMI Test  :

Test Freq :    200
Rotor Test: Not Tested
Rotor Comp: FALSE

```

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Findings: - Shorted Winding.
           - Recommend check at motor if tested from MC

```

NEW Data Export

- Via Comma Separated Variable File (.csv)

A	B	C	D	E	
MotorId	TestDate	z1	z2	z3	if1
XYZ123	10/18/2007	45	45	45	
ABC9	10/18/2006	65	67	69	
FAN1	9/28/2007	26	26	28	

NEW Condition Calculator makes it a Breeze to analyze potential faults. Enter the test results into your PC and it gives you an answer every time!

For more information contact your local ALL-TEST *Pro* distributor or representative. You can also contact us direct at 860-395-2988 or Email info@alltestpro.com.

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