



Job # 21288 Sample Test Results

Motor ID	Time	Temp	Resist	Megohm	DA/PI	DC	Surge
21288	10/25/2011 2:08:14 PM	Tested	PASS	PASS	PASS	PASS	PASS

Nameplate Information		Motor ID 21288	
Location	E & L Electric	Building	12322
Model	EM4115T	Manufacturer	Baldor
Serial Number	C0102050059	HP/KW	50
Volts-Rating	230-460	Volts-Operating	460
Amps-Rating	114-57	Amps-Operating	0
Insulation	F	Enclosure	TEFC
RPM	1775	Service Factor	0
Frame	326T	Freq-Hz	60
LR Code		LR Amps	0
NEMA Design		Max Amb °C	0
NEMA nom eff	0	Duty Cycle	
Manuf's Type		Manuf Dt Cd	

Application Information		Test Date/Time 10/25/2011 2:08:14 PM	
Test ID	E-460V W/O Rotor Repair	Repair/Job #	
Tested By	Mike Fitch	Tested For	
Room #		MCC	
Location	E & L Electric	Building	12322
Use		% Load	
Vert/Horiz		Starter	
Starts/24Hrs		Rewind Dt	
Install Dt		Basic Dt	
Volts 1	0.0	Amps 1	0.0
Volts 2	0.0	Amps 2	0.0
Volts 3	0.0	Amps 3	0.0
Tester Type	AWA4	Tester SN	10989
Tester ID	10989	PP30 SN	0
Cal Date	07/19/2011	Next Cal Date	07/18/2012

Nameplate Information		Motor ID 21288	
Location	E & L Electric	Building	12322
Model	EM4115T	Manufacturer	Baldor
Serial Number	C0102050059	HP/KW	50
Volts-Rating	230-460	Volts-Operating	460
Amps-Rating	114-57	Amps-Operating	0
Insulation	F	Enclosure	TEFC
RPM	1775	Service Factor	0
Frame	326T	Freq-Hz	60

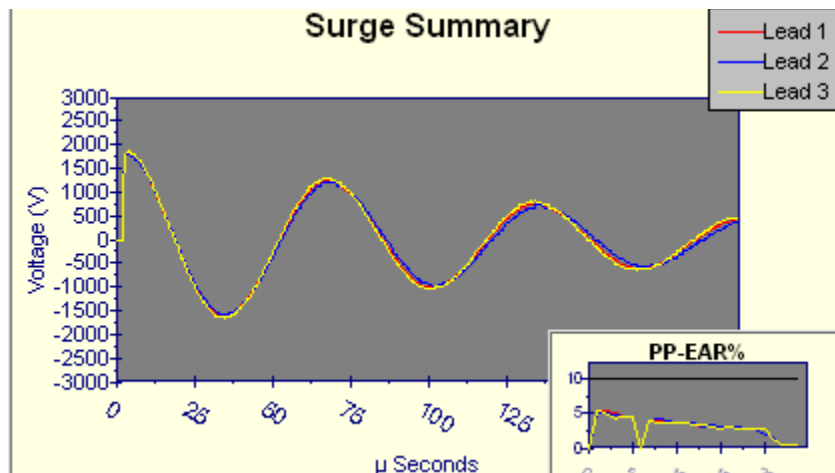
E & L Electric, Inc
 12322 Los Nietos Road
 Santa Fe Springs, CA 90670
 Tel (562) 903-9272 SALES@EANDLEELECTRIC.COM



Job # 21288 Sample Test Results

Nameplate Information		Motor ID 21288	
LR Code		LR Amps	0
NEMA Design		Max Amb °C	0
NEMA nom eff	0	Duty Cycle	
Manuf's Type		Manuf Dt Cd	

Results Summary		Test Date/Time 10/25/2011 2:08:14 PM	
Test ID:	E-460V W/O Rotor Repair	Repair/Job #	
Tested By		Tested For	
Room #		MCC	
Location	E & L Electric	Building	12322
Temp Status	Tested	PI Status	PASS
Temp	20.4°C 68.7°F	Volts (V)	500
Resist Status	PASS	DA Ratio	2.0
L1-L2 (Ohms)	0.1152 Corr: 0.1173	PI Ratio	DA Only
L2-L3 (Ohms)	0.1152 Corr: 0.1173	HiPot	PASS
L3-L1 (Ohms)	0.1154 Corr: 0.1175	Volts (V)	2000
Max Delta R %	0.154%	Current(µA)	0.08
Coil 1 (Ohms)	0.0577 Corr: 0.0588	Resist (Mohm)	24793 At 40°C 6367
Coil 2 (Ohms)	0.0575 Corr: 0.0586	Surge Status	PASS
Coil 3 (Ohms)	0.0577 Corr: 0.0587	Peak Volt(V) L1	2020
Megohm Status	PASS	Peak Volt(V) L2	2020
Volts (V)	500	Peak Volt(V) L3	2020
Current(µA)	0.02	Max P-P EAR%	5.3%,5.2%,5.3%,
Resist (Mohm)	27436 At 40°C 7046	EAR 1-2,2-3,3-1	No Test



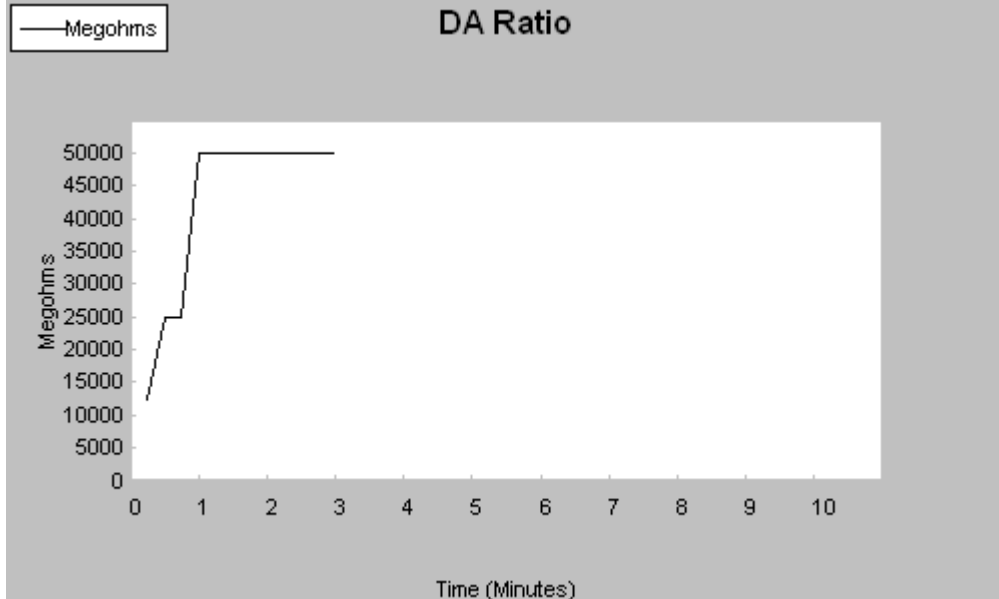
E & L Electric, Inc
 12322 Los Nietos Road
 Santa Fe Springs, CA 90670
 Tel (562) 903-9272 SALES@EANDLELECTRIC.COM



Job # 21288 Sample Test Results

DA/PI		Motor ID 21288	
Test Date/Time	10/25/2011 2:08:14 PM	Voltage (V)	500
DA Ratio	2.0	PI Ratio	DA Only
PI Status	PASS		

Time (Min)	Current(μA)	Megohms
0:15	0.04	12500
0:30	0.02	25000
0:45	0.02	25000
1:00	0.01	>50000
1:30	0.01	>50000
2:00	0.01	>50000
2:30	0.01	>50000
3:00	0.01	>50000



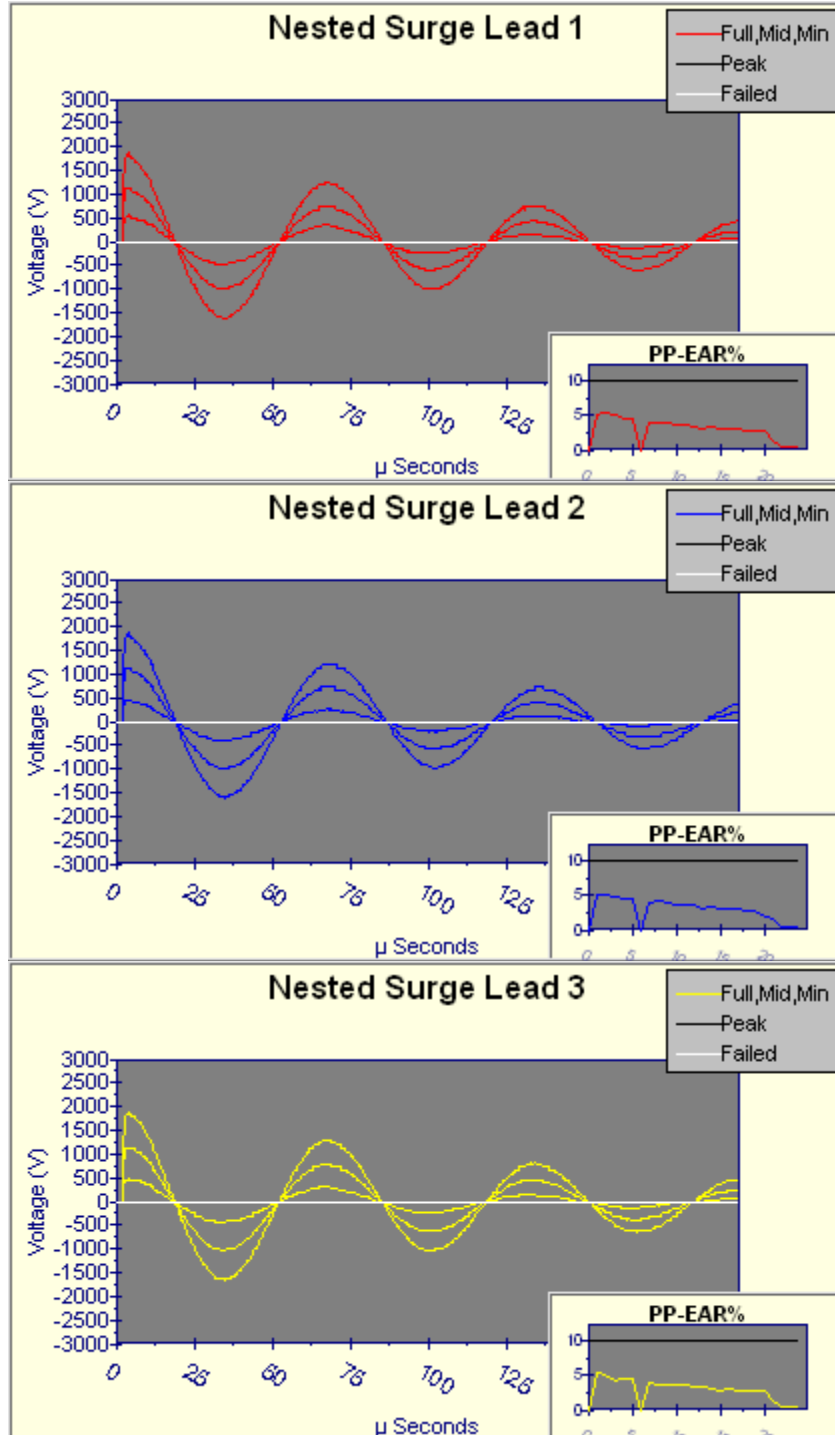
Surge: Nested Waveforms		Motor ID 21288	
Test Date/Time	10/25/2011 2:08:14 PM	Surge Status	PASS

Lead	Peak Voltage (V)	PP EAR Status	Max P-P EAR%
1	2020	PASS	5.3%
2	2020	PASS	5.2%
3	2020	PASS	5.3%

E & L Electric, Inc
 12322 Los Nietos Road
 Santa Fe Springs, CA 90670
 Tel (562) 903-9272 SALES@EANDLELECTRIC.COM



Job # 21288 Sample Test Results



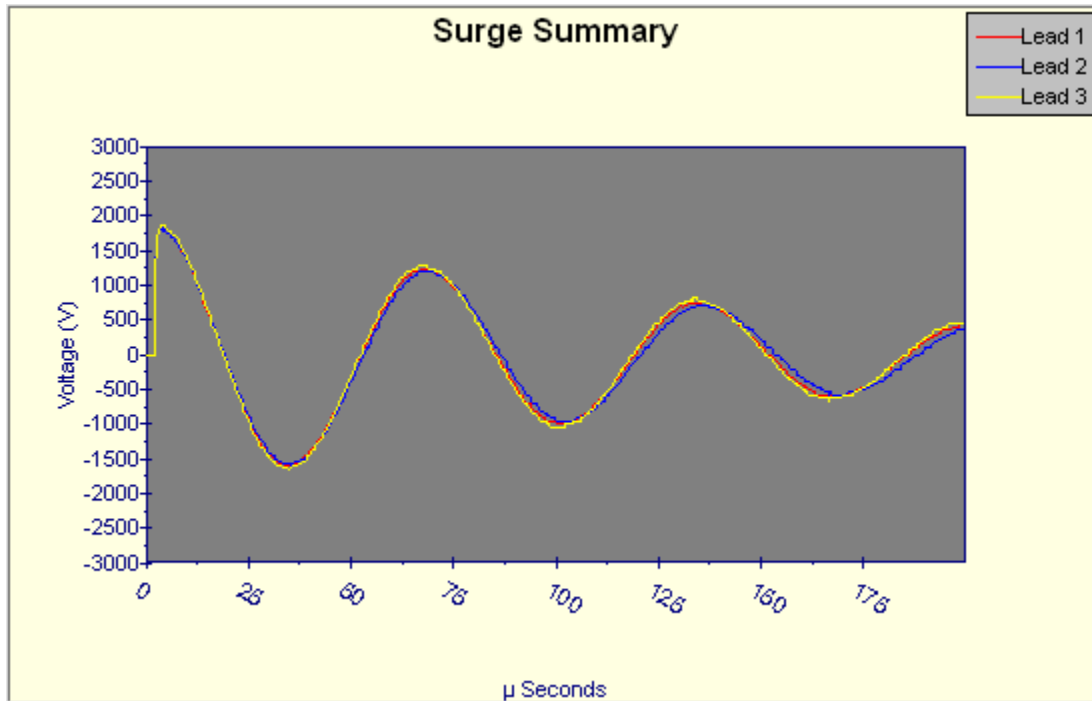
E & L Electric, Inc
12322 Los Nietos Road
Santa Fe Springs, CA 90670
Tel (562) 903-9272 SALES@EANDLELECTRIC.COM



Job # 21288 Sample Test Results

Pulse-to-Pulse EAR		Motor ID 21288	
Test Date/Time	10/25/2011 2:08:14 PM	Surge Status	PASS

Lead	Peak Voltage (V)	PP EAR Status	Max P-P EAR%
1	2020	PASS	5.3%
2	2020	PASS	5.2%
3	2020	PASS	5.3%



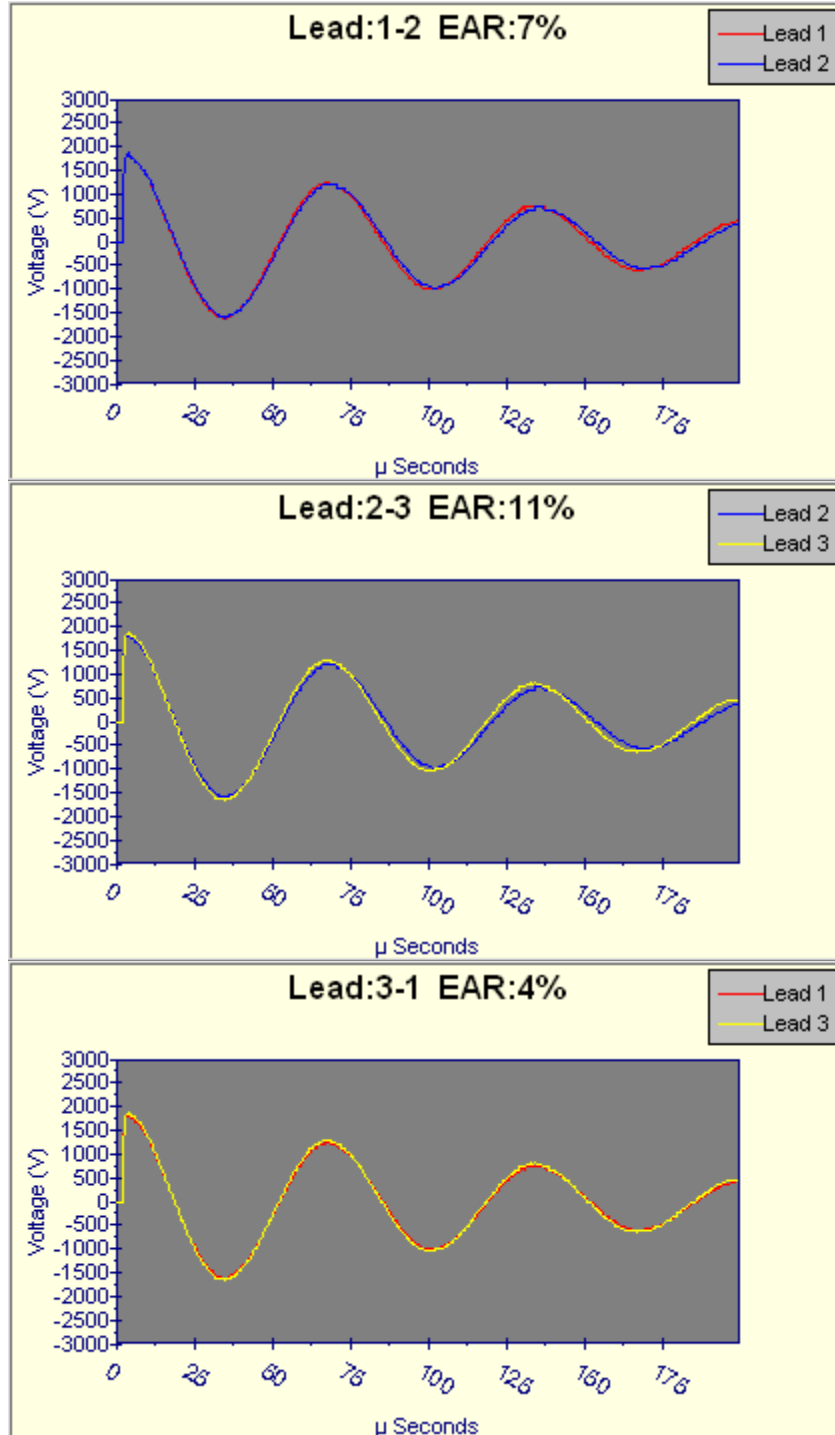
Surge Phase-to-Phase Comparison		Motor ID 21288	
Test Date/Time	10/25/2011 2:08:14 PM	Surge Status	PASS

Compare	Peak Voltage (V)	LL EAR Status	L-L EAR%
1 - 2	2020	No Test	7%
2 - 3	2020	No Test	11%
3 - 1	2020	No Test	4%

E & L Electric, Inc
 12322 Los Nietos Road
 Santa Fe Springs, CA 90670
 Tel (562) 903-9272 SALES@EANDLELECTRIC.COM



Job # 21288 Sample Test Results



E & L Electric, Inc
12322 Los Nietos Road
Santa Fe Springs, CA 90670
Tel (562) 903-9272 SALES@EANDLELECTRIC.COM



Job # 21288 Sample Test Results

Computerized Dynamic Balancing Report

Date: 10/26/2011 Time: 12:54:50 PM
Operator: carlos
Job #: 21288

Two plane balance
Item balanced:
Balancing specification: Nema & Dyna-Bal
Item operating speed: 1775.00 RPM
NEMA Spec: 1.50 mil
Balancing RPM: 535.65

Balance Conditions

	Start	Finish	
Right End	Mils: 2.11	Mils: 0.05	in/s: 0.001
	Angle: 336.97	Angle: 350.13	
Left End	Mils: 4.28	Mils: 0.42	in/s: 0.012
	Angle: 58.29	Angle: 77.98	

Beginning unbalance: 125.657 g-in, 4.432 oz-in Right Side
160.678 g-in, 5.668 oz-in Left Side
Residual unbalance: 1.06 g, 0.04 oz Right Side
5.24 g, 0.18 oz Left Side
This item is balanced to: 3.175 g-in, 0.112 oz-in Right Side
15.725 g-in, 0.555 oz-in Left Side

Key Used

Drive End: 0.50 in wide x 0.50 in thick x 2.00 in long
Rear End: 0.00 in wide x 0.00 in thick x 0.00 in long

E & L Electric, Inc
12322 Los Nietos Road
Santa Fe Springs, CA 90670
Tel (562) 903-9272 SALES@EANDLELECTRIC.COM