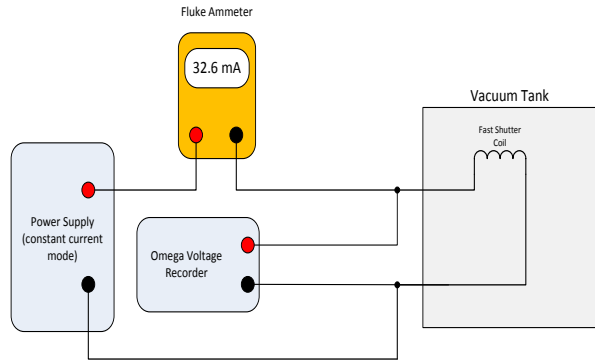
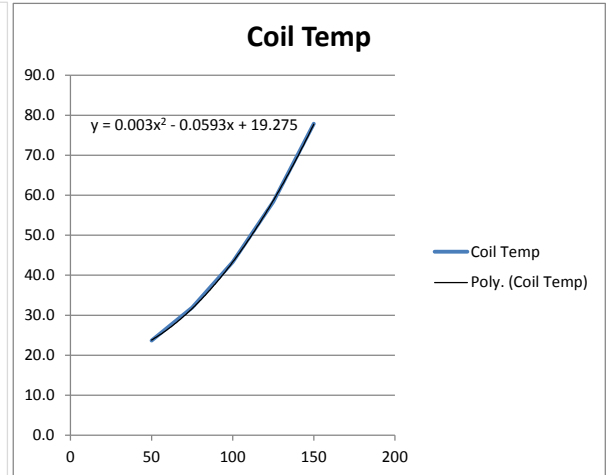
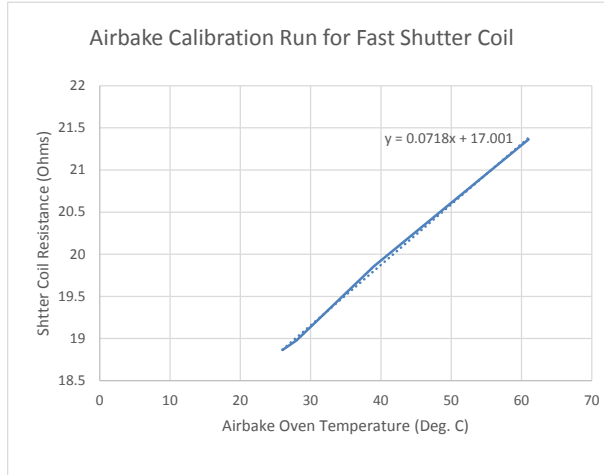


Airbake Oven Temperature (F)	Desired Current (mA)	Actual Measured Current (mA)	Measured Voltage (VDC taken after equilibrium)	Time the data was taken	Calculated Coil Resistance (ohms)	Calculated Applied Power
26	10+/- 3mA	9.86	0.186	3:00pm 7-30-14	18.86409736	0.00183396
28	10+/- 3mA	9.8	0.186	06:30am 7-31-14	18.97959184	0.0018228
39	10+/- 3mA	9.82	0.195	09:49am 7-31-14	19.85743381	0.0019149
61	10+/- 3mA	9.83	0.21	1:00pm 7-31-14	21.36317396	0.0020643



After Establishing Vacuum Test Setup



DO NOT EXCEED 80C

Ambient Temperature	Desired Applied Current (mA)	Time Measurement was taken	Measured Applied Current (mA)	Measured Voltage (VDC taken after equilibrium)	Calculated Coil Resistance (ohms)	Calculated Coil Temperature
24	10(Immediate)	8/5/2014 @ 07:00	10	0.176	17.6	8.3
24	25		25	0.447	17.9	12.2
23.8	50	12:00	50	0.935	18.7	23.7
23.8	75	14:00	75	1.447	19.3	31.9
23.8	100	16:00	100	2.011	20.1	43.3
23.4	125	9:24	125	2.649	21.2	58.4
23.8	150	13:05	150	3.389	22.6	77.9

Time Input
Current was changed

Start Time: 06:30 8-1-14
 Changed to 50 ma @09:30
 Changed to 75 ma @12:00
 Changed to 100 ma @14:00 Shut down 4-1-14
 Started up 125 ma @ 06:00 8-4-14
 Changed to 150 ma @ 09:24 ended