

Manual Supplement

Manual Title:	345 Calibration	Supplement Issue:	1
Part Number:	3095315	Issue Date:	3/08
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Revision/Date:			

This supplement contains information necessary to ensure the accuracy of the above manual.

Change #1

On page 26, under **Power Check-Stage 1**, replace the entire table with the following:

Calibrator			Specification (kW)		
Volts (V)	Amps (A)	Phase Shift (°)	Min	Nom	Max
19	100	0.00	1820	1900	1980
21	100	0.00	2042	2100	2158
38	100	0.00	3700	3800	3900
44	100	0.00	4.24	4.40	4.56
380	100	0.00	37.00	38.00	39.00
440	100	0.00	42.4	44.0	45.6
Calibrator			Specification (kVA)		
Volts (V)	Amps (A)	Phase Shift (°)	Min	Nom	Max
19	100	0.00	1848	1900	1943
21	100	0.00	2042	2100	2158
38	100	0.00	3700	3800	3900
44	100	0.00	4.24	4.40	4.56
380	100	0.00	37.00	38.00	39.00
440	100	0.00	42.4	44.0	45.6
Calibrator			Specification PF		
Volts (V)	Amps (A)	Phase Shift (°)	Min	Nom	Max
19	100	0.00	0.998	1.00	1.00
21	100	0.00	0.998	1.00	1.00
38	100	0.00	0.998	1.00	1.00
44	100	0.00	0.998	1.00	1.00
380	100	0.00	0.998	1.00	1.00
440	100	0.00	0.998	1.00	1.00

On page 27, under **Power Check-Stage 2**, replace the entire table with the following:

Calibrator			Specification (k)W		
Volts (V)	Amps (A)	Phase Shift (°)	Min	Nom	Max
19.8681	100	73.00	501	581	661
21.9595	100	-73.00	562	642	722
39.2133	100	73.00	1066	1146	1226
46.0105	100	-73.00	1.27 k	1.35 k	1.43 k
397.363	100	73.00	10.83 k	11.62 k	11.96 k
460.105	100	-73.00	12.6 k	13.5 k	13.8 k
Calibrator			Specification (k)VAR		
Volts (V)	Amps (A)	Phase Shift (°)	Min	Nom	Max
19.8681	100	73.00	1650	1900	2150
21.9595	100	-73.00	-2350	-2100	-1850
39.2133	100	73.00	3500	3750	4000
46.0105	100	-73.00	-4.56 k	-4.40 k	-4.24 k
397.363	100	73.00	37.00 k	38.00 k	39.00 k
460.105	100	-73.00	-45.6 k	-44.0 k	-42.4 k
Calibrator			Specification PF		
Volts (V)	Amps (A)	Phase Shift (°)	Min	Nom	Max
19.8681	100	73.00	0.242	0.292	0.342
21.9595	100	-73.00	0.242	0.292	0.342
39.2133	100	73.00	0.242	0.292	0.342
46.0105	100	-73.00	0.242	0.292	0.342
397.363	100	73.00	0.242	0.292	0.342
460.105	100	-73.00	0.242	0.292	0.342