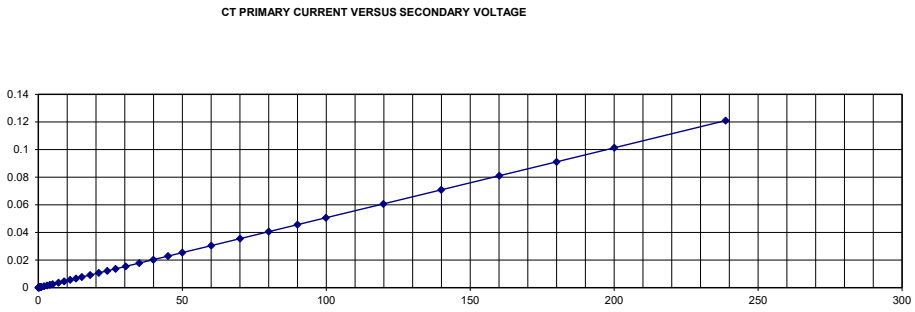
CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	1
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



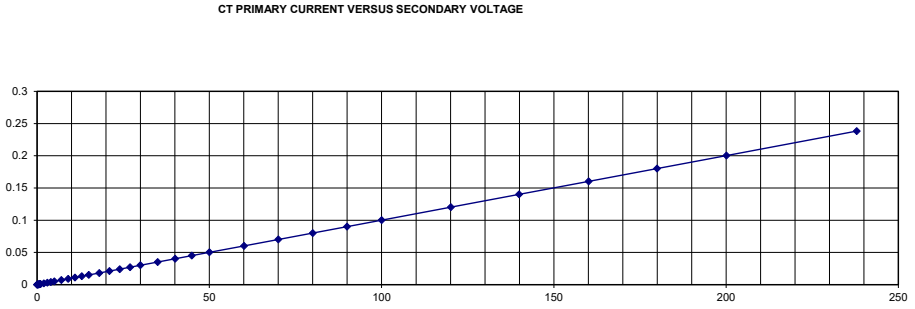
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.000765442	0.000765442	2.62619E-05	0.000416639	-0.000765123	103.4323779	29.14646482	98.54267676
0.1A	0.100825398	0.100825398	6.79508E-05	0.000488892	-0.000716149	109.4883521	1483.800523	25.80997385
0.2A	0.205510835	0.205510835	0.000119131	0.000498356	-0.000663025	117.967759	1725.087747	13.74561263
0.3A	0.290267376	0.290267376	0.00016137	0.000496613	-0.000621292	125.9732419	1798.773687	10.06131564
0.4A	0.405844268	0.405844268	0.000218767	0.000508236	-0.000559177	139.1229308	1855.14782	7.242608981
0.5A	0.497865507	0.497865507	0.000265535	0.000484973	-0.000523991	150.6755128	1874.951852	6.25240738
0.6A	0.607449276	0.607449276	0.00031868	0.000502979	-0.000459908	169.2922054	1906.140435	4.692978258
0.7A	0.706618658	0.706618658	0.00036856	0.000484898	-0.000422804	187.1704651	1917.23992	4.138004017
0.8A	0.801155791	0.801155791	0.000414401	0.000503501	-0.00036206	214.4566209	1933.285235	3.335738241
0.9A	0.901435992	0.901435992	0.000464892	0.000501474	-0.000313395	248.340707	1939.020769	3.048961529
1A	1.00063167	1.00063167	0.000514636	0.000507225	-0.000257897	299.5515098	1944.346546	2.782672711
2A	2.0046546	2.0046546	0.001023902	0.000507084	0.000251086	-307.7896467	1957.857518	2.107124119
3A	3.00737449	3.00737449	0.001532365	0.000525455	0.000814797	-88.06720184	1962.570249	1.871487534
4A	4.00670642	0.040067064	0.002057469	0.000510709	0.001280821	-60.63675413	1947.395918	2.63020411
5A	5.00590877	0.050059088	0.002567771	0.000502426	0.001749655	-46.75868677	1949.515321	2.524233928
7A	6.99990038	0.034999502	0.003569604	0.000507725	0.002788586	-28.00767057	1960.974154	1.9512923
9A	9.00564054	0.045028203	0.004587969	0.000503893	0.003772436	-21.61819495	1962.881737	1.855913154
11A	11.04147505	0.02208295	0.005613812	0.000519403	0.004969531	-12.96461581	1966.841048	1.657947611
13A	13.0717848	0.02614357	0.00666836	0.000520104	0.006033244	-10.52693614	1960.269764	1.986511778
15A	15.12825515	0.03025651	0.007737938	0.000498819	0.006780816	-14.11514984	1955.075664	2.24621682
18A	18.0123427	0.036024685	0.009176576	0.000509712	0.008415669	-9.041548589	1962.861044	1.85694782
21A	21.0301104	0.042060221	0.010714769	0.000507116	0.00989927	-8.237966613	1962.721845	1.863907728
24A	23.9402666	0.047880533	0.012190556	0.000502067	0.011254165	-8.320398157	1963.837089	1.80814554
27A	26.8476459	0.026847646	0.013650254	0.000505401	0.012803393	-6.614348907	1966.823878	1.658806105
30A	30.3488468	0.030348847	0.015419766	0.000504566	0.014547565	-5.995506897	1968.178206	1.591089675
35A	35.0525911	0.035052591	0.017793117	0.000506916	0.017003287	-4.645159619	1970.008476	1.499576221
40A	39.9485731	0.039948573	0.02027497	0.000506634	0.019473849	-4.1138266	1970.339453	1.483027356
45A	45.0357529	0.045035753	0.022852306	0.000506336	0.022037779	-3.696051306	1970.731186	1.463440688
50A	50.0278422	0.050027842	0.025379981	0.000503305	0.024413808	-3.957483682	1971.153674	1.442316306
60A	60.0856834	0.030042842	0.03044214	0.000507078	0.029702707	-2.489445785	1973.766746	1.311662719
70A	70.0502644	0.035025132	0.035494963	0.000507279	0.034769604	-2.086187498	1973.526892	1.323655408
80A	80.0375862	0.040018793	0.040561324	0.000507473	0.039851451	-1.781298174	1973.248837	1.337558149
90A	90.025566	0.045012783	0.045629952	0.000507214	0.044896811	-1.632946124	1972.948957	1.35255216
100A	99.8809262	0.049940463	0.050628731	0.000503269	0.04950151	-2.277144619	1972.811158	1.359442121
120A	119.8192408	0.02995481	0.060663063	0.000506423	0.059913792	-1.250581263	1975.159764	1.242011803
140A	139.9329104	0.034983228	0.07084909	0.000506508	0.070111681	-1.051763709	1975.084084	1.245795814
160A	160.1075	0.040026875	0.081067679	0.00050643	0.080317818	-0.933617073	1974.985617	1.250719168
180A	180.0066808	0.04500167	0.091145224	0.000506813	0.090464314	-0.752683468	1974.943655	1.252817269
200A	200.054616	0.050013654	0.101305781	0.000509945	0.10125143	-0.053678869	1974.760118	1.261994121
240A	238.7081176	0.029838515	0.121016945	0.000506966	0.120251503	-0.636534362	1972.518126	1.374093686

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	2
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



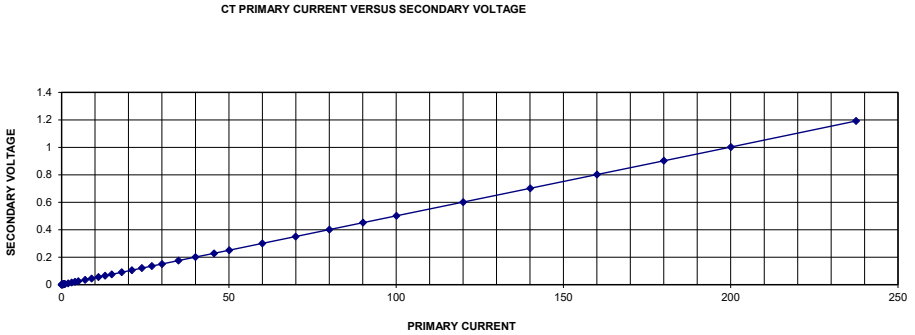
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.006703472	0.006703472	2.74101E-05	0.000859101	-0.006697713	100.4092461	489.1237377	75.54381312
0.1A	0.100225893	0.100225893	0.000107755	0.001001162	-0.00660313	101.6318827	1860.24933	6.987533508
0.2A	0.20013886	0.20013886	0.000207784	0.00100842	-0.006501648	103.1958724	1926.409135	3.679543259
0.3A	0.300539829	0.300539829	0.000309031	0.001004245	-0.006401657	104.827356	1945.048051	2.747597448
0.4A	0.400774315	0.400774315	0.000409691	0.001011905	-0.006297927	106.5051678	1956.472617	2.176369165
0.5A	0.501071718	0.501071718	0.000511182	0.001015625	-0.006194571	108.2520986	1960.443049	1.977847539
0.6A	0.601689924	0.601689924	0.000613372	0.001020444	-0.006089481	110.0726554	1961.907143	1.904642839
0.7A	0.700693609	0.700693609	0.0007144	0.001015136	-0.005992173	111.922222	1961.627805	1.918609733
0.8A	0.80124217	0.80124217	0.000816471	0.001014128	-0.00589091	113.8598391	1962.696928	1.865153624
0.9A	0.907032709	0.907032709	0.000923756	0.001008222	-0.005788982	115.9571369	1963.793286	1.810335717
1A	1.00030913	1.00030913	0.001017799	0.000997735	-0.005705428	117.839136	1965.631783	1.718410834
2A	1.99528476	1.99528476	0.002010522	0.000998473	-0.004711234	142.6750534	1984.842968	0.757851621
3A	3.00849817	3.00849817	0.003022188	0.00100132	-0.003691003	181.8798502	1990.940491	0.452975469
4A	4.01389185	0.040138919	0.004028909	0.001001055	-0.002685347	250.0330925	1992.545525	0.372723774
5A	5.00041548	0.050004155	0.005016473	0.001006079	-0.001672657	399.9103901	1993.598199	0.32009005
7A	7.0321617	0.035160809	0.007060571	0.000999018	0.000321782	-2094.208619	1991.952781	0.40236096
9A	9.00512288	0.045025614	0.009031594	0.000999742	0.002299331	-292.7923131	1994.138135	0.293093228
11A	11.0182589	0.022036518	0.011044211	0.001005936	0.004380193	-152.1398242	1995.300289	0.234985546
13A	13.00707405	0.026014148	0.013044832	0.001003744	0.006352301	-105.3560113	1994.211003	0.289449869
15A	15.0305354	0.030061071	0.01507587	0.00099831	0.008301667	-81.60051733	1993.985859	0.300707032
18A	18.038103	0.036076206	0.018078355	0.001004296	0.011412121	-58.41362542	1995.546896	0.222655209
21A	21.01499635	0.042029993	0.021068037	0.001004284	0.014401555	-46.29002066	1994.964794	0.251760281
24A	24.0058328	0.048011666	0.024071687	0.001005232	0.017427958	-38.12109502	1994.52851	0.273574513
27A	27.0066778	0.027006678	0.027088232	0.001003107	0.020387125	-32.86930906	1993.978618	0.301069113
30A	29.9747996	0.0299748	0.030065577	0.001003076	0.023363542	-28.68586901	1993.96138	0.30193101
35A	35.019891	0.035019891	0.035126189	0.001004012	0.028456929	-23.43633235	1993.94765	0.302617514
40A	40.0838659	0.040083866	0.040210482	0.001003239	0.033510221	-19.99467737	1993.702334	0.314883318
45A	44.9136884	0.044913688	0.045055948	0.00100368	0.03837552	-17.40804621	1993.685211	0.315739446
50A	50.0386647	0.050038665	0.050199786	0.000989881	0.042828874	-17.21014722	1993.580781	0.320960927
60A	60.0836756	0.030041838	0.060143156	0.000999784	0.053367214	-12.69682666	1998.022026	0.0988987
70A	70.033987	0.035016994	0.070091317	0.001001203	0.06341477	-10.52837712	1998.364145	0.081792728
80A	80.0331068	0.040016553	0.080102466	0.00099939	0.073280848	-9.308869005	1998.268238	0.086588096
90A	89.9753066	0.044987653	0.090038605	0.001001089	0.083369798	-7.999068367	1998.593968	0.070301622
100A	100.0063278	0.050003164	0.100080548	0.001005241	0.093827016	-6.664958691	1998.516791	0.074160465
120A	120.1359052	0.030033976	0.12031563	0.001002737	0.113761214	-5.761556078	1997.012445	0.149377766
140A	139.914254	0.034978564	0.140148107	0.000998012	0.132932686	-5.427875619	1996.662773	0.166861333
160A	160.1176556	0.040029414	0.160311352	0.001001355	0.153631197	-4.348176407	1997.583497	0.12082513
180A	179.9462612	0.044986565	0.180166832	0.001000333	0.173302675	-3.96079095	1997.551483	0.122425864
200A	200.08205	0.050020513	0.200309322	0.001006436	0.194666325	-2.898804757	1997.73079	0.113460521
240A	237.9106624	0.029738833	0.238381403	0.001001979	0.231677931	-2.893444383	1996.050526	0.19747371

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	10
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



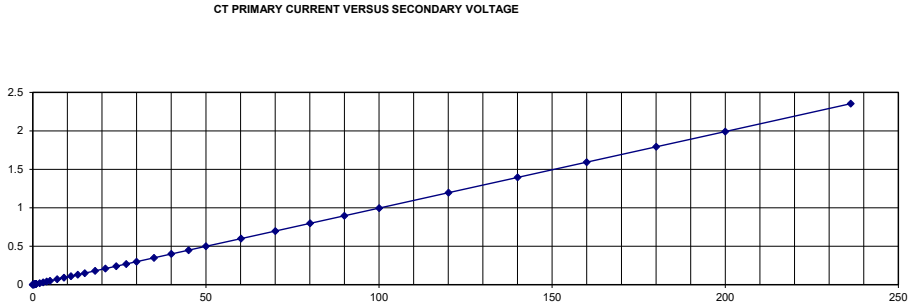
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.000757222	0.000757222	2.58284E-05	0.00489297	-0.000753517	103.4277094	293.1745147	85.34127426
0.1A	0.100152953	0.100152953	0.000512169	0.005038518	-0.000252599	302.7593478	1955.468151	2.226592445
0.2A	0.200782134	0.200782134	0.001019191	0.005023013	0.000251309	-305.5520587	1970.015482	1.499225896
0.3A	0.300858571	0.300858571	0.001521876	0.005025902	0.000754864	-101.6092657	1976.892984	1.155350805
0.4A	0.400418783	0.400418783	0.002022256	0.005019122	0.001252529	-61.45382233	1980.060035	0.996998268
0.5A	0.501086594	0.501086594	0.00252752	0.005023373	0.001759923	-43.61533699	1982.522938	0.873853102
0.6A	0.601390726	0.601390726	0.003031385	0.00501477	0.002258615	-34.21434474	1983.881123	0.805943847
0.7A	0.700256942	0.700256942	0.003527176	0.005007962	0.002749638	-28.27783859	1985.318817	0.734059146
0.8A	0.799887208	0.799887208	0.004026121	0.005008392	0.003248927	-23.92155118	1986.744178	0.66279109
0.9A	0.901263191	0.901263191	0.004533851	0.004998052	0.003747339	-20.98857047	1987.853358	0.60733209
1A	1.00000114	1.00000114	0.005027349	0.005014727	0.004257511	-18.08188578	1989.122215	0.543889244
2A	2.00032665	2.00032665	0.010043708	0.005008865	0.009262145	-8.438247877	1991.62167	0.4189165
3A	2.99678175	2.99678175	0.015034818	0.005014035	0.014268748	-5.368861403	1993.227886	0.338605706
4A	3.99538817	0.039953882	0.020041866	0.005008194	0.019252458	-4.100293302	1993.521097	0.323945144
5A	5.01043662	0.050104366	0.025125425	0.005048358	0.024537255	-2.397051604	1994.169874	0.291506309
7A	7.0524785	0.035262393	0.035434383	0.00500995	0.034575341	-2.484552802	1990.29244	0.485377999
9A	9.00556714	0.045027836	0.045219259	0.004978291	0.04407511	-2.595906454	1991.53355	0.423322505
11A	11.00797955	0.022015959	0.05518785	0.00503172	0.054631847	-1.017727211	1994.63822	0.268088989
13A	13.0148745	0.026029749	0.065285983	0.00501361	0.064494284	-1.227549882	1993.517417	0.324129145
15A	15.0047341	0.030009468	0.075262364	0.0050095	0.074409	-1.146855609	1993.657042	0.317147893
18A	18.00050775	0.036001016	0.090269693	0.005011699	0.089455912	-0.909699936	1994.08098	0.295950991
21A	21.02687225	0.042053745	0.105436922	0.005017981	0.10475523	-0.650747548	1994.26082	0.286959012
24A	24.02946435	0.048058929	0.120503873	0.005032415	0.120169021	-0.278650916	1994.082327	0.295883644
27A	27.0123742	0.027012374	0.135515114	0.005019819	0.134840018	-0.500664367	1993.310813	0.334459373
30A	30.0179658	0.030017966	0.150602641	0.005006443	0.149525999	-0.720036871	1993.189867	0.340506645
35A	34.9534542	0.034953454	0.17531188	0.005025481	0.1749007	-0.235093126	1993.78697	0.310651509
40A	40.0449407	0.040044941	0.200899049	0.004939978	0.197063887	-1.94615182	1993.286723	0.335663859
45A	45.5715652	0.022785783	0.22820045	0.005017513	0.227898708	-0.132401743	1996.997166	0.150141685
50A	50.1263012	0.025063151	0.251053898	0.005011344	0.250442914	-0.243961429	1996.635049	0.168247537
60A	60.0144898	0.030007245	0.300607012	0.005010268	0.299931453	-0.22523786	1996.443443	0.177827855
70A	69.9414014	0.034970701	0.350343499	0.005010836	0.349707677	-0.181815353	1996.366469	0.181676555
80A	80.05704	0.04002852	0.401031306	0.005008639	0.400219556	-0.20282615	1996.279064	0.186046822
90A	90.0877582	0.045043879	0.451271548	0.005011672	0.450733098	-0.119460837	1996.309286	0.184535676
100A	100.1051698	0.050052585	0.501475532	0.00500566	0.500335246	-0.227904446	1996.212445	0.189377734
120A	120.0596516	0.030014913	0.601360888	0.005013532	0.601165731	-0.032463076	1996.465916	0.176704209
140A	140.0807164	0.035020179	0.701737145	0.005014102	0.701621758	-0.016445715	1996.199252	0.190037396
160A	160.0617036	0.040015426	0.80192385	0.005010232	0.801189046	-0.091714228	1995.971358	0.201432094
180A	180.0444284	0.045011107	0.902041937	0.005009429	0.901162628	-0.09757494	1995.965165	0.201741729
200A	200.0997172	0.050024929	1.00250749	0.005067266	1.013201198	1.055437737	1995.992241	0.200387929
240A	237.490224	0.029686278	1.19197512	0.005019049	1.191217898	-0.063567024	1992.409238	0.379538123

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	20
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



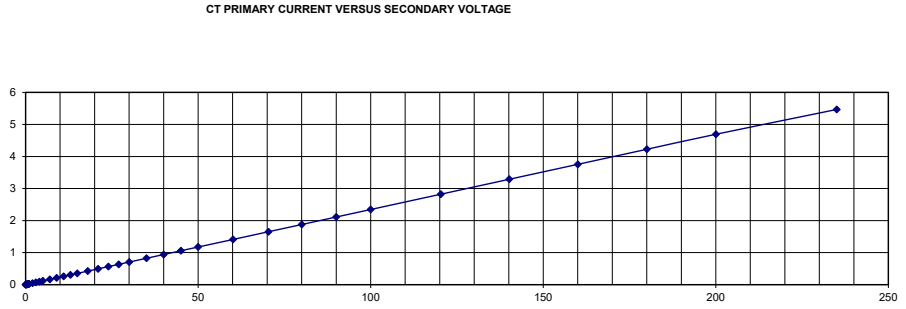
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.001669691	0.001669691	2.44E-05	0.010035329	-0.001652935	101.4761617	1368.599476	31.57002618
0.1A	0.105437892	0.105437892	0.001065748	0.010007667	-0.000614503	273.4323819	1978.664544	1.066772791
0.2A	0.203985845	0.203985845	0.002051983	0.009922737	0.000354407	-478.9904002	1988.182476	0.590876203
0.3A	0.290758514	0.290758514	0.002913006	0.009996526	0.001236884	-135.5115897	1996.278503	0.186074828
0.4A	0.405499506	0.405499506	0.004060017	0.010065865	0.002412012	-68.32487991	1997.526257	0.123687174
0.5A	0.504194852	0.504194852	0.005053471	0.009883229	0.003313382	-52.51699187	1995.439871	0.228006464
0.6A	0.600479139	0.600479139	0.00600507	0.009880906	0.004263587	-40.84549891	1999.907085	0.004645741
0.7A	0.705626806	0.705626806	0.007044025	0.010030351	0.005407994	-30.25208336	2003.47628	-0.173813988
0.8A	0.802858366	0.802858366	0.008019291	0.009955995	0.006323563	-26.81602441	2002.317517	-0.115875826
0.9A	0.90490346	0.90490346	0.009035252	0.010100412	0.007470207	-20.95047971	2003.050921	-0.152546055
1A	1.00417519	1.00417519	0.010037937	0.00995867	0.008330559	-20.49536206	2000.760076	-0.038003825
2A	2.00295215	2.00295215	0.019984428	0.009955972	0.018271645	-9.3739902	2004.512904	-0.225645192
3A	3.00134897	3.00134897	0.029924439	0.0099512	0.028197334	-6.125065263	2005.951724	-0.2975862
4A	4.01672364	0.040167236	0.040028635	0.009967088	0.038365346	-4.335395644	2006.925097	-0.346254872
5A	5.00500908	0.050050091	0.049878963	0.009966984	0.048215156	-3.450797111	2006.861726	-0.343086323
7A	7.05940826	0.035297041	0.070355127	0.009960397	0.068644816	-2.491536685	2006.792838	-0.339641914
9A	9.00469578	0.045023479	0.089730963	0.009958738	0.088005715	-1.960381538	2007.04317	-0.352158487
11A	11.0376487	0.022075297	0.109976608	0.009953285	0.108191176	-1.650256562	2007.272074	-0.363603686
13A	13.0292498	0.0260585	0.129799582	0.009939436	0.127833707	-1.537838054	2007.595032	-0.379751608
15A	15.0363571	0.030072714	0.149749097	0.009955681	0.148027484	-1.163036298	2008.206714	-0.410335696
18A	18.0193655	0.036038731	0.179446977	0.009956023	0.177731526	-0.965192471	2008.32199	-0.416099514
21A	21.00029545	0.042000591	0.209125184	0.009949056	0.207263432	-0.89825405	2008.39469	-0.419734478
24A	24.1036945	0.048207389	0.240001076	0.010008525	0.239572727	-0.178797164	2008.632203	-0.431610148
27A	26.9893683	0.026989368	0.268882413	0.009972598	0.267484419	-0.522644974	2007.522024	-0.376101207
30A	29.9968072	0.029996807	0.298874391	0.009972376	0.297469736	-0.472200816	2007.318667	-0.365933326
35A	35.0063584	0.035006358	0.348831517	0.009980822	0.347722547	-0.318923754	2007.063966	-0.353198303
40A	40.033048	0.040033048	0.399002012	0.009968388	0.397395267	-0.404319148	2006.658954	-0.332947695
45A	45.0096168	0.045009617	0.448610381	0.009966337	0.446911329	-0.380176519	2006.623953	-0.331197641
50A	50.0310998	0.0500311	0.498656174	0.009874887	0.492381788	-1.274292835	2006.637134	-0.331856715
60A	60.149796	0.030074898	0.59857716	0.009947071	0.596644578	-0.323908376	2009.759143	-0.487957142
70A	70.061816	0.035030908	0.697172723	0.009956859	0.695925943	-0.179154085	2009.884027	-0.494201349
80A	80.091244	0.040045622	0.797034325	0.009953595	0.795526142	-0.189583098	2009.731363	-0.486568129
90A	90.0212156	0.045010608	0.895873244	0.00995155	0.894180929	-0.189258666	2009.686442	-0.484322088
100A	100.0358304	0.050017915	0.995534183	0.010001795	0.998868139	0.333773409	2009.691523	-0.484576128
120A	120.0974888	0.030024372	1.19618677	0.009949147	1.19319782	-0.250499125	2008.005636	-0.400281805
140A	140.0286648	0.035007166	1.39448496	0.009941048	1.390361983	-0.296539792	2008.320904	-0.416045219
160A	159.9714224	0.039992856	1.59273687	0.009946846	1.589541484	-0.20102562	2008.761465	-0.438073239
180A	180.0527156	0.045013179	1.79248241	0.009937861	1.787669178	-0.269246233	2008.976095	-0.448804739
200A	200.0191288	0.050004782	1.99090585	0.010007688	2.000059429	0.457665343	2009.327852	-0.466392622
240A	236.2275952	0.029528449	2.3532689	0.009961871	2.351599209	-0.071002354	2007.654928	-0.3827464

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	47
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



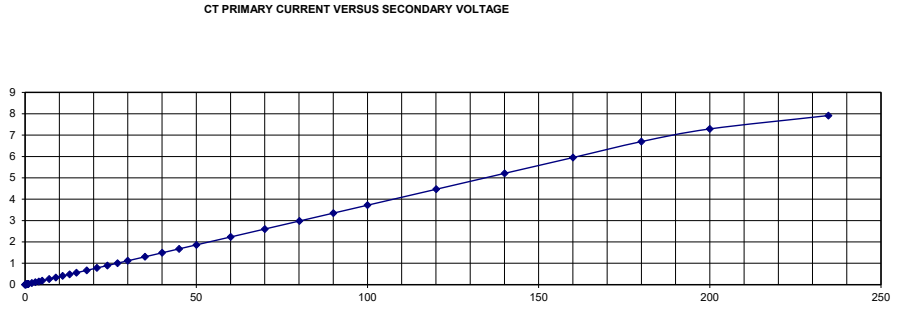
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.000759261	0.000759261	2.92705E-05	0.023514177	-0.000741408	103.9479659	1219.153869	39.04230654
0.1A	0.099459407	0.099459407	0.002350123	0.023511964	0.001579225	-48.81497599	1989.083879	0.545806069
0.2A	0.201938722	0.201938722	0.004759613	0.02352316	0.003990976	-19.25938775	1994.094817	0.295259142
0.3A	0.299170439	0.299170439	0.00704681	0.023498304	0.006270737	-12.37611144	1995.372365	0.231381756
0.4A	0.400012069	0.400012069	0.009416418	0.023524339	0.008650758	-8.850778343	1996.573209	0.171339559
0.5A	0.500924455	0.500924455	0.011790315	0.023523724	0.011024348	-6.947958238	1996.846546	0.157672698
0.6A	0.601834152	0.601834152	0.014164087	0.023519527	0.013395594	-5.736908549	1997.036995	0.148150237
0.7A	0.702561903	0.702561903	0.016533156	0.023497703	0.01574933	-4.976883528	1997.22363	0.138818504
0.8A	0.803265473	0.803265473	0.018899458	0.023499815	0.018117329	-4.317026159	1997.595721	0.120213945
0.9A	0.900569262	0.900569262	0.021186079	0.023502948	0.020406772	-3.818868808	1997.856919	0.107154054
1A	1.00375373	1.00375373	0.023611219	0.023518712	0.022847734	-3.341619654	1998.05127	0.0974365
2A	2.00459011	2.00459011	0.047149602	0.023493378	0.046335332	-1.757340256	1998.229719	0.088514035
3A	3.000897	3.000897	0.070556216	0.023535066	0.069867047	-0.98640116	1999.004014	0.049799298
4A	4.00649455	0.040064946	0.09422302	0.023475489	0.093295159	-0.994544424	1998.505708	0.074714624
5A	5.00132782	0.050013278	0.117577218	0.023473663	0.116640221	-0.803322135	1999.217293	0.039135328
7A	7.05900998	0.03529505	0.165878555	0.023476005	0.164958092	-0.557998264	2000.098621	-0.004931035
9A	9.00038924	0.045001946	0.211454384	0.023473488	0.210511271	-0.448010844	2000.517966	-0.025898323
11A	11.0488138	0.022097628	0.259538054	0.023467841	0.258532543	-0.388930168	2000.840496	-0.042024781
13A	13.0231146	0.026046229	0.305870631	0.023469597	0.304887992	-0.322295106	2001.128334	-0.056416695
15A	15.01667545	0.030033351	0.352658701	0.023498745	0.352113759	-0.154762999	2001.322367	-0.066118339
18A	18.02693295	0.036053866	0.423395973	0.023471454	0.422359058	-0.245505503	2001.119289	-0.055964473
21A	21.0223079	0.042044616	0.493701777	0.023477208	0.492785828	-0.18587155	2001.306289	-0.06531446
24A	24.0311037	0.048062207	0.564339901	0.023656345	0.567728826	0.596926752	2001.385817	-0.069290856
27A	26.9788819	0.026978882	0.63407356	0.023458816	0.632133363	-0.306928483	1999.779725	0.011013762
30A	30.039902	0.030039902	0.705881467	0.023501288	0.705217128	-0.094203522	2000.159319	-0.007965927
35A	35.0300776	0.035030078	0.823157021	0.023504144	0.822592739	-0.068597931	2000.121004	-0.006050194
40A	40.0289921	0.040028992	0.940652229	0.023510982	0.940361648	-0.030900958	2000.061841	-0.003092041
45A	45.0366707	0.045036671	1.05838767	0.023505952	1.057870543	-0.0488838	1999.951041	0.002447926
50A	50.0196955	0.050019696	1.17551841	0.02324493	1.161945075	-1.168156319	1999.905462	0.004726914
60A	60.1425286	0.030071264	1.41082296	0.023561632	1.416296883	0.386495433	2003.581544	-0.179077189
70A	70.3722702	0.035186135	1.65185237	0.023330857	1.641086102	-0.656045289	2002.29558	-0.114779004
80A	80.030633	0.040015317	1.87719025	0.023448059	1.875803728	-0.073916138	2003.760541	-0.188027053
90A	90.0302774	0.045015139	2.1116625	0.023459957	2.111347198	-0.014933674	2003.834911	-0.191745551
100A	100.0032798	0.05000164	2.34562871	0.023490223	2.348340054	0.115457912	2003.792898	-0.189644903
120A	120.3248368	0.030081209	2.82298661	0.023506972	2.827713356	0.167157886	2003.292297	-0.164614837
140A	140.1536932	0.035038423	3.28910299	0.023487106	3.291045341	0.059019267	2002.741659	-0.137082974
160A	160.0284256	0.040007106	3.75590293	0.023458848	3.753323213	-0.068731552	2002.537377	-0.12686887
180A	180.0303756	0.045007594	4.22512563	0.023441659	4.219451479	-0.134476022	2002.645222	-0.132261076
200A	200.0672272	0.050016807	4.69482268	0.022093059	4.419337711	-6.233625653	2002.878558	-0.14392789
240A	235.065012	0.029383127	5.46803079	0.023261781	5.467271529	-0.013887386	2020.481594	-1.024079676

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	75
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



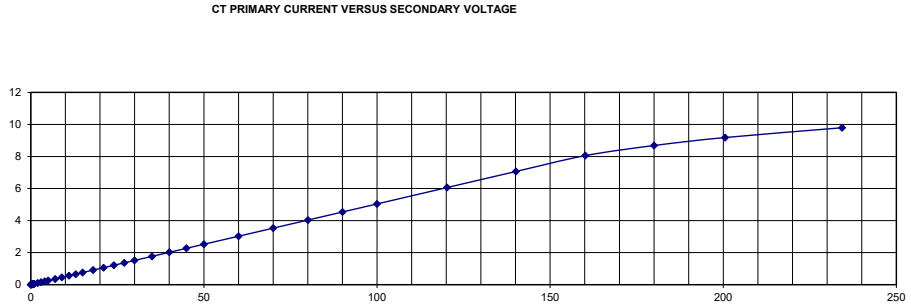
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.00079636	0.00079636	3.57384E-05	0.037273115	-0.000766677	104.6614606	1671.229685	16.43851576
0.1A	0.100759467	0.100759467	0.003761675	0.037240673	0.00295599	-27.2559893	2008.934995	-0.44674975
0.2A	0.200827171	0.200827171	0.007488263	0.037243984	0.006683244	-12.04533892	2011.419351	-0.570967532
0.3A	0.300313886	0.300313886	0.011193545	0.037306731	0.010407369	-7.554029413	2012.190191	-0.609509543
0.4A	0.400549804	0.400549804	0.014933019	0.037275772	0.014134443	-5.649861052	2011.732155	-0.586607756
0.5A	0.500152496	0.500152496	0.018645787	0.037258498	0.017838571	-4.525115458	2011.791618	-0.589580919
0.6A	0.600433584	0.600433584	0.022382109	0.037347938	0.021628596	-3.48387425	2011.987262	-0.599363081
0.7A	0.700460405	0.700460405	0.026117905	0.037278234	0.025315567	-3.16934475	2011.437394	-0.571869714
0.8A	0.800942146	0.800942146	0.029863687	0.037297021	0.029076396	-2.70766324	2011.49515	-0.574757486
0.9A	0.900775927	0.900775927	0.033587189	0.037252705	0.03275998	-2.525061056	2011.42745	-0.571372498
1A	1.00075664	1.00075664	0.037311741	0.037290424	0.036522279	-2.161589626	2011.612039	-0.580601957
2A	1.99819612	1.99819612	0.074506683	0.037253026	0.073642493	-1.173493436	2011.426411	-0.571320566
3A	2.99942789	2.99942789	0.111805596	0.037165341	0.1106784	-1.018442527	2012.037857	-0.601892838
4A	4.0098349	0.040098349	0.149357717	0.037297474	0.148760353	-0.401561065	2013.539197	-0.676959832
5A	4.99624765	0.049962477	0.186148421	0.037214885	0.18513842	-0.545538197	2013.009682	-0.650484097
7A	7.05811654	0.035290583	0.262880634	0.037224197	0.261936364	-0.360495959	2013.684814	-0.684240685
9A	8.9961591	0.044980796	0.335022713	0.036974782	0.331834661	-0.960735131	2013.928926	-0.696446288
11A	10.98051125	0.021961023	0.408393701	0.037361707	0.409454287	0.25902436	2016.530475	-0.826523736
13A	13.0353947	0.026070789	0.485167655	0.037190446	0.483995785	-0.24212397	2015.08611	-0.754305488
15A	15.0127133	0.030025427	0.558705016	0.037270772	0.558739061	0.006093245	2015.29155	-0.764577483
18A	17.99813605	0.035996272	0.669974028	0.037284006	0.670246251	0.040615322	2014.794824	-0.739741194
21A	20.9973042	0.041994608	0.781795031	0.037243321	0.781212979	-0.074506151	2014.335923	-0.716796127
24A	24.02640945	0.048052819	0.89460897	0.037369356	0.897055076	0.272681852	2014.26631	-0.713315492
27A	26.9962391	0.026996239	1.00558959	0.037319199	1.006681656	0.108481729	2013.463497	-0.673174854
30A	29.9811416	0.029981142	1.11698376	0.037135511	1.112568646	-0.3968397	2013.08712	-0.654355977
35A	35.0292499	0.03502925	1.30444784	0.037246317	1.303914176	-0.040927853	2014.027439	-0.70137195
40A	40.0546499	0.04005465	1.49162548	0.037222903	1.490153992	-0.098747368	2013.976553	-0.698827647
45A	44.9992876	0.044999288	1.67567925	0.037247765	1.675326511	-0.021054911	2014.076721	-0.703836071
50A	50.0499515	0.050049952	1.86380519	0.036921748	1.84713534	-0.902470426	2014.022915	-0.70114577
60A	60.0402358	0.030020118	2.23266395	0.037194308	2.232358675	-0.013674979	2016.881083	-0.84405414
70A	70.021253	0.035010627	2.60390098	0.037199615	2.603967272	0.002545815	2016.81785	-0.840892479
80A	80.1277894	0.040063895	2.97986024	0.03719867	2.979850824	-0.000315988	2016.733578	-0.836678921
90A	90.03371	0.045016855	3.34834731	0.037186434	3.347236274	-0.033192628	2016.674982	-0.833749083
100A	100.0176358	0.050008818	3.71961391	0.037179352	3.717794525	-0.04893722	2016.693901	-0.834695032
120A	120.1081616	0.03002704	4.46656664	0.037273147	4.476012861	0.211040981	2016.786683	-0.839334169
140A	140.0638804	0.03501597	5.21037909	0.037040926	5.187299507	-0.444924825	2016.127972	-0.806398618
160A	160.0336464	0.040008412	5.95007772	0.03741297	5.986537638	0.6090318	2017.204488	-0.860224394
180A	180.0423592	0.04501059	6.69866309	0.029634538	5.334675756	-25.56832685	2015.801774	-0.790088698
200A	200.0181156	0.050004529	7.2906354	0.018072806	3.614092199	-101.7279859	2057.6202	-2.881010001
240A	234.6285528	0.029328569	7.91614311	0.033739044	7.91534675	-0.010060962	2222.943827	-11.14719135

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	100
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



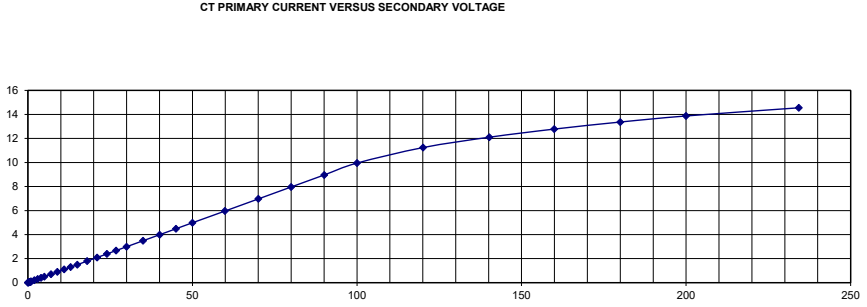
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.000787735	0.000787735	4.00761E-05	0.050627559	-0.000747854	105.3588147	1965.597718	1.720114116
0.1A	0.099470616	0.099470616	0.005036149	0.050491791	0.004234715	-18.92535393	1975.132317	1.243384164
0.2A	0.20077358	0.20077358	0.010151118	0.050524815	0.009356313	-8.494846993	1977.84705	1.107647497
0.3A	0.298905039	0.298905039	0.015109191	0.050517027	0.014312059	-5.569654562	1978.299375	1.085031261
0.4A	0.4032039	0.4032039	0.02037806	0.050539122	0.019589836	-4.023635643	1978.617709	1.069114539
0.5A	0.500644681	0.500644681	0.025302631	0.05042815	0.02445885	-3.449797652	1978.626946	1.06865269
0.6A	0.605908262	0.605908262	0.030610879	0.050532301	0.029830204	-2.617063172	1979.388642	1.030567923
0.7A	0.693017745	0.693017745	0.035012722	0.051267968	0.034741877	-0.779592071	1979.331264	1.033436801
0.8A	0.818998336	0.818998336	0.041471491	0.049162524	0.039476291	-5.054172842	1974.846638	1.257668084
0.9A	0.899666145	0.899666145	0.045437324	0.050497484	0.044643142	-1.778954644	1980.015709	0.999214553
1A	1.00034999	1.00034999	0.050521605	0.050524362	0.049754311	-1.542165636	1980.043983	0.997800852
2A	2.00110244	2.00110244	0.101083984	0.050422426	0.100112706	-0.970184742	1979.643422	1.017828898
3A	2.99453686	2.99453686	0.151175358	0.050406317	0.150155841	-0.678972745	1980.836626	0.958168725
4A	4.00449715	0.040044972	0.202083737	0.050377999	0.20095082	-0.56377835	1981.602879	0.919856059
5A	5.0235903	0.050235903	0.253423611	0.050448109	0.252642897	-0.309018847	1982.289764	0.885511808
7A	7.0561733	0.035280867	0.35596358	0.050427252	0.355035694	-0.261350165	1982.273945	0.88630275
9A	8.99114888	0.044955744	0.453539081	0.05024587	0.450980361	-0.567368368	1982.441923	0.877903838
11A	11.03389065	0.022067781	0.556178418	0.050360091	0.554879998	-0.234000199	1983.87609	0.806195522
13A	13.027496	0.026054992	0.656576564	0.050555852	0.657828422	0.19030166	1984.15489	0.792255509
15A	14.9865739	0.029973148	0.755619416	0.050440827	0.755147453	-0.06249951	1983.349499	0.83252506
18A	18.02452595	0.036049052	0.908856231	0.050477912	0.909052705	0.021613061	1983.209812	0.839509401
21A	21.02443625	0.042048873	1.06028544	0.050223717	1.055137608	-0.48788252	1982.90342	0.854829007
24A	24.00176505	0.04800353	1.20981796	0.050756471	1.217457159	0.627471666	1983.915419	0.804229051
27A	27.0082217	0.027008222	1.36241509	0.050434684	1.361363384	-0.077253883	1982.378344	0.881082798
30A	29.9991551	0.029999155	1.51326187	0.050441377	1.512410955	-0.056262132	1982.416639	0.879168058
35A	35.0078332	0.035007833	1.76590649	0.050474329	1.766209157	0.017136552	1982.428481	0.878575966
40A	40.0386868	0.040038687	2.01983545	0.050425968	2.018201785	-0.080946587	1982.274685	0.88626576
45A	44.9977623	0.044997762	2.26990163	0.050485863	2.270963137	0.046742572	1982.366183	0.881690851
50A	50.0386669	0.050038667	2.52439605	0.04998472	2.500381036	-0.960454154	1982.203502	0.889824915
60A	60.0038774	0.030001939	3.02250431	0.050386266	3.02258361	0.002623586	1985.237116	0.738144191
70A	70.0014882	0.035000744	3.52624659	0.050394767	3.526920968	0.019120879	1985.155786	0.742210714
80A	80.0405942	0.040020297	4.032165	0.050401064	4.033343336	0.029214875	1985.052551	0.747372441
90A	90.0761122	0.045038056	4.53796578	0.05040028	4.539073517	0.024404476	1984.944721	0.75276394
100A	100.0182344	0.050009117	5.03905152	0.050592375	5.059372239	0.401645057	1984.86231	0.756884502
120A	120.253828	0.030063457	6.06281825	0.05043073	6.063700557	0.01455063	1983.464175	0.826791237
140A	140.1308428	0.035032711	7.06523061	0.049397118	6.921271987	-2.0799446	1983.38668	0.830666021
160A	160.1686812	0.04004217	8.05504207	0.031692833	5.075411478	-58.7071729	1988.427618	0.578619076
180A	180.0157036	0.045003926	8.68405043	0.0243314	4.379246273	-98.30011581	2072.946318	-3.647315876
200A	200.5390068	0.050134752	9.18341112	0.018050266	3.618994763	-153.7558554	2183.709345	-9.185467241
240A	234.32822	0.029291028	9.79331542	0.041793154	9.792527685	-0.008044244	2392.736371	-19.63681856

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	200
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



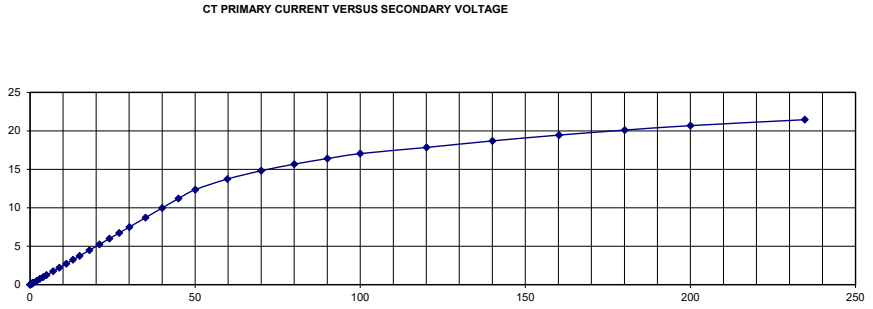
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.000787022	0.000787022	6.95293E-05	0.100047425	-0.000708282	109.8166108	2263.856006	-13.19280028
0.1A	0.100127167	0.100127167	0.010008255	0.099738298	0.009199491	-8.791394096	2000.891604	-0.044580199
0.2A	0.200513402	0.200513402	0.020020607	0.099817025	0.01922763	-4.124157147	2003.070137	-0.153506833
0.3A	0.300030354	0.300030354	0.029954093	0.09976866	0.029146605	-2.770438252	2003.267807	-0.163390357
0.4A	0.399579482	0.399579482	0.039885976	0.099801465	0.039091596	-2.032100868	2003.608877	-0.180443871
0.5A	0.500370528	0.500370528	0.04994507	0.099866026	0.049182995	-1.549470275	2003.683342	-0.184167125
0.6A	0.602466621	0.602466621	0.060141002	0.099603498	0.059220761	-1.553914822	2003.513763	-0.175688129
0.7A	0.700484359	0.700484359	0.069903911	0.099881025	0.069178074	-1.049230094	2004.134956	-0.206747802
0.8A	0.800884327	0.800884327	0.079931963	0.099745132	0.079097291	-1.055247142	2003.915077	-0.195753857
0.9A	0.901292642	0.901292642	0.089947203	0.099822113	0.089181914	-0.858121506	2004.04817	-0.202408516
1A	1.00007277	1.00007277	0.099807645	0.099729882	0.098950118	-0.866624962	2004.000345	-0.200017244
2A	2.00150911	2.00150911	0.199680773	0.09962385	0.198611022	-0.538616027	2004.708896	-0.235444802
3A	3.00005836	3.00005836	0.299160094	0.099529085	0.297806042	-0.454675649	2005.65411	-0.282705487
4A	4.01229035	0.040122904	0.399906618	0.099705561	0.39926064	-0.161793551	2006.613629	-0.330681449
5A	5.01154107	0.050115411	0.499537472	0.09953813	0.498052407	-0.298174405	2006.472527	-0.323626373
7A	7.04317114	0.035215856	0.701762131	0.09961584	0.700824388	-0.133805772	2007.281621	-0.364081059
9A	8.97176852	0.044858843	0.893880979	0.09941904	0.891177592	-0.303350014	2007.374299	-0.368714972
11A	11.0460542	0.022092108	1.10010447	0.099499699	1.098292051	-0.165021559	2008.182768	-0.409138416
13A	13.007835	0.02601567	1.29530107	0.099466231	1.293053296	-0.173834575	2008.465105	-0.423255267
15A	15.04007095	0.030080142	1.49743992	0.099556628	1.496551731	-0.059349051	2008.771203	-0.438560166
18A	18.02891725	0.036057835	1.79499938	0.099426688	1.791768512	-0.180317282	2008.793702	-0.43968511
21A	21.03525675	0.042070514	2.09390976	0.09968325	2.096075743	0.103335142	2009.184651	-0.459232541
24A	24.04400505	0.04808801	2.39383157	0.100373909	2.412603758	0.778088312	2008.830141	-0.441507044
27A	26.8106527	0.026810653	2.67153081	0.099665294	2.671304552	-0.008469946	2007.137825	-0.356891261
30A	30.0043475	0.030004348	2.98983134	0.099694224	2.990473116	0.021460697	2007.092982	-0.354649102
35A	34.9978054	0.034997805	3.48765025	0.099781424	3.491343837	0.105792703	2006.956139	-0.347806951
40A	40.0385229	0.040038523	3.99062022	0.09963437	3.988425978	-0.055015226	2006.631586	-0.331579285
45A	45.0057286	0.045005729	4.48552463	0.099698154	4.486201032	0.015077399	2006.709686	-0.33548428
50A	50.031534	0.050031534	4.98658815	0.098725964	4.938624391	-0.971196737	2006.643921	-0.332196073
60A	59.9007274	0.029950364	5.96093378	0.099574011	5.963768665	0.047535124	2009.776643	-0.488832137
70A	70.0585474	0.035029274	6.97238866	0.099622194	6.978599185	0.088993861	2009.599603	-0.479980128
80A	80.005189	0.040002595	7.96329492	0.099576061	7.965814519	0.031630148	2009.348889	-0.467444448
90A	90.046905	0.045023453	8.96320944	0.099276142	8.938722283	-0.273944715	2009.25585	-0.462792488
100A	100.0092698	0.050004635	9.95223458	0.064327724	6.432581707	-54.71602279	2009.78522	-0.489260976
120A	120.0734604	0.030018365	11.2429183	0.042744042	5.131637969	-119.090247	2135.983865	-6.799193231
140A	140.2297668	0.035057442	12.1044803	0.034282848	4.806688741	-151.8257568	2316.989467	-15.84947336
160A	159.9416152	0.039985404	12.7802586	0.029264875	4.679884384	-173.0891952	2502.948026	-25.14740132
180A	180.031624	0.045007906	13.3681902	0.025280919	4.550577946	-193.7690632	2693.433012	-34.67165062
200A	200.0041176	0.050001029	13.8731132	0.019836456	3.966585804	-249.7494794	2883.334328	-44.16671638
240A	234.2536584	0.029281707	14.5525027	0.062122841	14.55171568	-0.005408446	3219.427795	-60.97138975

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	500
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



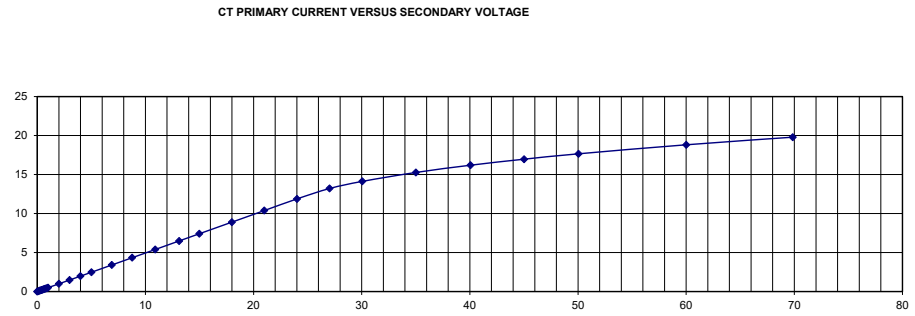
Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.00080841	0.00080841	0.000180009	0.249982881	-0.000606321	129.6887751	2245.466337	-12.27331687
0.1A	0.100442875	0.100442875	0.02508692	0.249632975	0.024265443	-3.385376192	2001.897303	-0.094865173
0.2A	0.200270557	0.200270557	0.050007201	0.249707389	0.049200628	-1.639356023	2002.417174	-0.120858693
0.3A	0.299869457	0.299869457	0.074877783	0.249537085	0.07402014	-1.158660864	2002.392746	-0.11963729
0.4A	0.401527523	0.401527523	0.10024524	0.249438806	0.099348136	-0.902990758	2002.726129	-0.136306472
0.5A	0.500351108	0.500351108	0.124895677	0.249440523	0.123999432	-0.722781448	2003.076167	-0.153808366
0.6A	0.600286494	0.600286494	0.149823612	0.249508834	0.148968373	-0.574107883	2003.310713	-0.165535657
0.7A	0.700211417	0.700211417	0.174755763	0.248861136	0.173446999	-0.75456162	2003.400074	-0.170003693
0.8A	0.800958088	0.800958088	0.199827694	0.249185373	0.19877863	-0.527755052	2004.121831	-0.206091554
0.9A	0.900064186	0.900064186	0.224523484	0.249227199	0.223512066	-0.452511609	2004.387626	-0.219381283
1A	1.00069102	1.00069102	0.249602428	0.249095853	0.248459573	-0.459976046	2004.569883	-0.228494172
2A	1.99934275	1.99934275	0.498362433	0.248872051	0.496772122	-0.320128955	2005.912382	-0.295619092
3A	3.00020536	3.00020536	0.747449164	0.248597009	0.74503367	-0.324212764	2006.962817	-0.348140867
4A	4.01214796	0.04012148	0.999015068	0.248664143	0.996868924	-0.215288504	2008.051774	-0.402588723
5A	5.0030871	0.050030871	1.2454261	0.248681686	1.243367726	-0.165548287	2008.584492	-0.429224584
7A	6.98935926	0.034946796	1.73937561	0.248828953	1.738346535	-0.05919848	2009.157545	-0.457877238
9A	8.89739936	0.044486997	2.21415123	0.249208096	2.216495542	0.105766613	2009.212207	-0.460610362
11A	10.9763315	0.021952663	2.73223795	0.248033342	2.721687775	-0.387633567	2008.670493	-0.43352465
13A	13.00869935	0.026017399	3.23633294	0.249565809	3.245718164	0.289157084	2009.79003	-0.489501476
15A	15.0291397	0.030058279	3.74056577	0.248711635	3.7371135	-0.092377983	2008.939372	-0.446968615
18A	18.0171831	0.036034366	4.48372693	0.249141995	4.488028535	0.095846215	2009.174887	-0.458744373
21A	21.018361	0.042036722	5.23144638	0.249114545	5.235171019	0.071146467	2008.847981	-0.442399067
24A	24.02664645	0.048053293	5.98085404	0.250175975	6.010081282	0.486303599	2008.630063	-0.431503132
27A	27.0335152	0.027033515	6.73310036	0.249385936	6.740970089	0.116744755	2007.508707	-0.375435366
30A	30.0807967	0.030080797	7.49304951	0.249481096	7.503781728	0.143024125	2007.246626	-0.362331317
35A	35.0018447	0.035001845	8.72075796	0.249387507	8.728214372	0.085428841	2006.812072	-0.340603594
40A	40.0421291	0.040042129	9.97774192	0.249169286	9.976460324	-0.012846202	2006.572701	-0.328635028
45A	44.9385459	0.044938546	11.1977786	0.226665478	10.18520856	-9.941573941	2006.583069	-0.329153454
50A	50.0294804	0.05002948	12.3517177	0.141934971	7.100124439	-73.96480592	2025.203361	-1.260168049
60A	59.7782674	0.029889134	13.7354115	0.105015816	6.276855126	-118.8263266	2176.063942	-8.803197123
70A	70.017008	0.035008504	14.8106412	0.085434879	5.981086194	-147.6246073	2363.73993	-18.18699652
80A	80.0148954	0.040007448	15.6648095	0.073025568	5.842324736	-168.126306	2553.969629	-27.69848143
90A	90.0801674	0.045040084	16.3998317	0.064391998	5.799633563	-182.7735843	2746.374751	-37.31873755
100A	100.0156224	0.050007811	17.0395955	0.040052408	4.005058057	-325.4518975	2934.800371	-46.74001856
120A	120.1151008	0.030028775	17.844628	0.042777346	5.1373968	-247.3476684	3365.58153	-68.27907648
140A	140.06279	0.035015698	18.6979372	0.037249601	5.216474599	-258.4401083	3745.407542	-87.27037708
160A	160.2252316	0.040056308	19.4489801	0.032597382	5.222114624	-272.4349521	4119.116549	-105.9558275
180A	180.1014384	0.04502536	20.0968924	0.029221616	5.262046647	-281.9215934	4480.828051	-124.0414025
200A	200.0207612	0.05000519	20.6789672	0.022349319	4.469519397	-362.6664606	4836.333441	-141.8166721
240A	234.6346704	0.029329334	21.4525645	0.091429644	21.45175609	-0.003768504	5468.685816	-173.4342908

CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8459-2000-N
Lot #:	31420
TURNS/RATIO:	2000
DATE:	July 16, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	200
Burden (Ohms):	1000
MEASUREMENT CT TURNS RATIO:	2000
FREQUENCY(Hz):	60



Input Current R	*Primary Current*	*MEASURED CURRENT*	*Secondary Voltage*	*Slope*	*Normalized Output*	*% Linear Error* Affected by Core and DCR	*Equivalent Turns Ratio*	*% Absolute Error* Affected by turns ratio
0A	0.000841992	0.000841992	0.000360676	0.496568271	-0.000423885	185.0880051	2334.48493	-16.72424649
0.1A	0.100473872	0.100473872	0.049834706	0.496463574	0.049039626	-1.621301465	2016.142561	-0.807128067
0.2A	0.200065792	0.200065792	0.099278467	0.495884358	0.098367505	-0.926079557	2015.198248	-0.759912422
0.3A	0.300347502	0.300347502	0.149006598	0.495102975	0.14786095	-0.774814266	2015.66579	-0.783289476
0.4A	0.400204361	0.400204361	0.198446026	0.495373821	0.197408772	-0.525434615	2016.691234	-0.834561686
0.5A	0.500524739	0.500524739	0.248142115	0.495055489	0.246945528	-0.48455521	2017.089034	-0.854451692
0.6A	0.600982591	0.600982591	0.297874326	0.495339013	0.296848132	-0.345696671	2017.570964	-0.87854819
0.7A	0.700773903	0.700773903	0.347304856	0.494385364	0.345610369	-0.490288142	2017.748646	-0.887432308
0.8A	0.80040538	0.80040538	0.3965612	0.494663114	0.395089026	-0.372618296	2018.365337	-0.91826684
0.9A	0.899493591	0.899493591	0.445576483	0.494338776	0.44381257	-0.397445583	2018.718728	-0.935936401
1A	0.999604281	0.999604281	0.495065079	0.494433506	0.493395858	-0.338312832	2019.137126	-0.956856321
2A	2.00052557	2.00052557	0.989954101	0.493387445	0.986192207	-0.381456467	2020.82659	-1.041329491
3A	2.99930751	2.99930751	1.48274057	0.494174401	1.481338999	-0.094615125	2022.813411	-1.140670549
4A	3.99899691	0.039989969	1.97676148	0.493453321	1.972476313	-0.217248109	2023.004268	-1.150213378
5A	5.01003236	0.050100324	2.47566028	0.494017518	2.474201758	-0.058949207	2023.715613	-1.185780627
7A	6.90094806	0.03450474	3.40980576	0.495335835	3.417444878	0.223533015	2023.853717	-1.192685826
9A	8.77898194	0.04389491	4.34006324	0.493598994	4.332454664	-0.175618136	2022.777424	-1.138871193
11A	10.91046805	0.021820936	5.39216264	0.496141912	5.412298483	0.372038659	2023.393725	-1.16968625
13A	13.1155147	0.026231029	6.4861787	0.494227943	6.481211855	-0.076634518	2022.071131	-1.103556552
15A	14.9929094	0.029985819	7.41403962	0.494896355	7.419094215	0.068129537	2022.232166	-1.111608303
18A	17.9991919	0.035998384	8.90183787	0.495239678	8.913072013	0.126041199	2021.963572	-1.098178617
21A	20.9998966	0.041999793	10.3879059	0.494546355	10.38458033	-0.032024114	2021.571701	-1.07858505
24A	24.0241676	0.048048335	11.8835481	0.442652144	10.6335073	-11.75567726	2021.632546	-1.081627296
27A	27.0265719	0.027026572	13.2125688	0.301123341	8.137489635	-62.36664368	2045.519861	-2.275993068
30A	30.0649903	0.03006499	14.1275075	0.230919329	6.941745383	-103.5152072	2128.117101	-6.405855031
35A	35.0182214	0.035018221	15.2713043	0.184024611	6.443372569	-137.0079355	2293.073382	-14.6536691
40A	40.0616528	0.040061653	16.1994198	0.155649702	6.234742322	-159.825009	2473.030102	-23.6515051
45A	45.0150558	0.045015056	16.9704155	0.137440436	6.186046882	-174.333768	2652.560616	-32.62803082
50A	50.0452967	0.050045297	17.661774	0.116022826	5.805554784	-204.221985	2833.537373	-41.67686864
60A	60.0139118	0.030006956	18.8183609	0.099080052	5.945339494	-216.5228987	3189.114723	-59.45573613
70A	69.8643134	0.034932157	19.7943392	0.283325467	19.79349721	-0.00425388	3529.50976	-76.475488