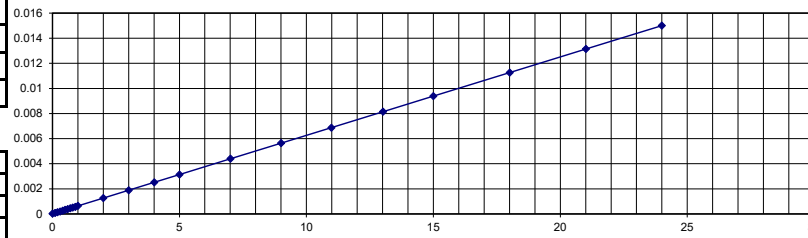


CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
URNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

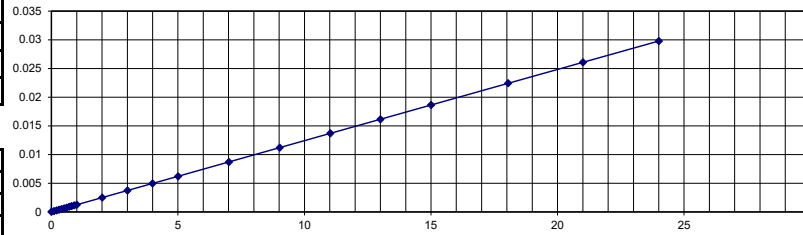
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	1
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000692216	0.000692216	2.75174E-05	0.00466669	-0.000691893	103.9771253	25.15552841	98.42777947
0.1A	0.100518918	0.100518918	7.41035E-05	0.000586963	-0.000633215	111.7027358	1356.467232	15.22079798
0.2A	0.200062564	0.200062564	0.000132532	0.000627232	-0.00056673	123.3853575	1509.543238	5.653547637
0.3A	0.30012942	0.30012942	0.000195297	0.000654509	-0.000495778	139.3919912	1536.784747	3.950953312
0.4A	0.400204663	0.400204663	0.000260797	0.00067699	-0.000421281	161.9057274	1534.544175	4.09098906
0.5A	0.500976059	0.500976059	0.000329018	0.00059377	-0.000394751	183.3482982	1522.638668	4.835083278
0.6A	0.600481279	0.600481279	0.000388102	0.000589311	-0.000338346	214.7056522	1547.227148	3.298303266
0.7A	0.700448052	0.700448052	0.000447013	0.000664257	-0.000226938	296.9758055	1566.952101	2.065493684
0.8A	0.800491889	0.800491889	0.000513468	0.00055039	-0.000251633	304.0544809	1558.991118	2.563055154
0.9A	0.901083206	0.901083206	0.000568832	0.000710441	-5.20489E-05	1192.880034	1584.092677	0.994207689
1A	1.00056327	1.00056327	0.000639507	0.000622419	-6.94465E-05	1020.862718	1564.585011	2.213436815
2A	1.99940471	1.99940471	0.001261205	0.000626507	0.000560426	-125.0440277	1585.313512	0.917905482
3A	3.00238267	3.00238267	0.001889578	0.000627172	0.001190795	-58.68204914	1588.917445	0.692659665
4A	4.01131584	0.040113158	0.002522352	0.00062061	0.001797249	-40.34520201	1590.307599	0.605775043
5A	5.00402614	0.050040261	0.003138439	0.000626931	0.002444963	-28.36343154	1594.431793	0.348012952
7A	7.0112482	0.035055624	0.004396751	0.000623106	0.003676461	-19.59192514	1594.615024	0.336560981
9A	9.00164918	0.045008246	0.005637059	0.000624492	0.004929243	-14.35953355	1596.869703	0.195643543
11A	10.98203935	0.021964079	0.006873797	0.000624041	0.006161032	-11.56893354	1597.667042	0.14580989
13A	13.0192406	0.026038481	0.008145095	0.000627044	0.007471418	-9.01673085	1598.414784	0.099076006
15A	15.0022024	0.030004405	0.009388499	0.000623757	0.008665506	-8.343343598	1597.93407	0.12912064
18A	18.0081331	0.036016266	0.011263468	0.000625601	0.010573692	-6.523515367	1598.808933	0.07444166
21A	21.0090663	0.042018133	0.013140855	0.000622533	0.012386631	-6.089012282	1598.759476	0.077532722
24A	23.998999	0.047997998	0.015002188	0.000625117	0.014309972	-4.83729585	1599.699913	0.018755431

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

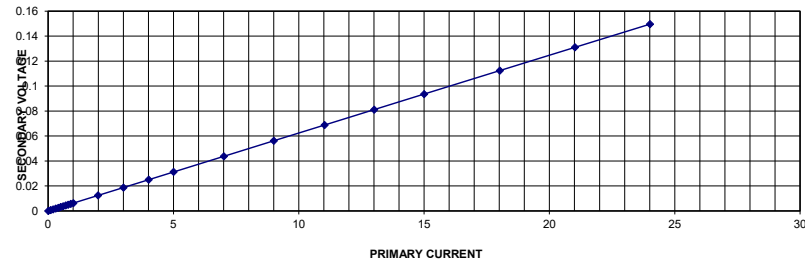
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	2
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000625778	0.000625778	2.18364E-05	0.001116045	-0.00062508	103.4933713	57.31525308	96.41779688
0.1A	0.100223397	0.100223397	0.000132992	0.001275536	-0.000497939	126.708417	1507.212426	5.799223394
0.2A	0.200586023	0.200586023	0.000261008	0.001263359	-0.000372366	170.0945015	1537.011084	3.936807267
0.3A	0.300125152	0.300125152	0.000386762	0.001190624	-0.000268442	244.0765491	1551.990395	3.000600292
0.4A	0.400362667	0.400362667	0.000506107	0.001202611	-0.000144297	450.7390383	1582.127162	1.117052392
0.5A	0.500572187	0.500572187	0.00062662	0.001290745	2.03331E-05	-2981.765247	1597.689965	0.14437719
0.6A	0.600403793	0.600403793	0.000755477	0.001293723	0.000150978	-400.388642	1589.469216	0.658173991
0.7A	0.70019671	0.70019671	0.000884581	0.00123611	0.000239742	-268.9725033	1583.114136	1.055366507
0.8A	0.80021472	0.80021472	0.001008215	0.001246737	0.000371879	-171.1132895	1587.389543	0.788153571
0.9A	0.900144937	0.900144937	0.001132801	0.001143863	0.000403865	-180.4903617	1589.236978	0.672688853
1A	0.999221237	0.999221237	0.001246131	0.001244743	0.000617996	-101.6407488	1603.717639	-0.232352453
2A	2.00375182	2.00375182	0.002496514	0.001242291	0.001863465	-33.97156709	1605.240072	-0.327504527
3A	3.00322878	3.00322878	0.003738155	0.001233042	0.00307733	-21.47395842	1606.797353	-0.424834577
4A	3.99427652	0.039942765	0.004960159	0.001242153	0.004335726	-14.40203864	1610.543788	-0.658986757
5A	5.00312128	0.050031213	0.006213299	0.001244479	0.0056005	-10.94186689	1610.455728	-0.653482983
7A	7.00829176	0.035041459	0.008708691	0.001242687	0.008083334	-7.73636513	1609.493805	-0.593362798
9A	9.01725906	0.045086295	0.011205208	0.00124252	0.010578348	-5.925873994	1609.47644	-0.592277498
11A	11.02174265	0.022043485	0.013695819	0.001240718	0.0130491	-4.95604066	1609.504695	-0.594043418
13A	13.0001848	0.02600037	0.016150509	0.00124168	0.015516293	-4.087417097	1609.879297	-0.617456093
15A	15.0036011	0.030007202	0.018638111	0.001241236	0.017997239	-3.560946991	1609.991611	-0.624475708
18A	18.04883125	0.036097663	0.022417962	0.001238276	0.021723657	-3.196076542	1610.21163	-0.638226905
21A	21.0013296	0.042002659	0.02607397	0.00123749	0.025363162	-2.802518571	1610.903902	-0.681493855
24A	23.99832175	0.047996644	0.029782718	0.001241033	0.02915694	-2.146240284	1611.560218	-0.722513598

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

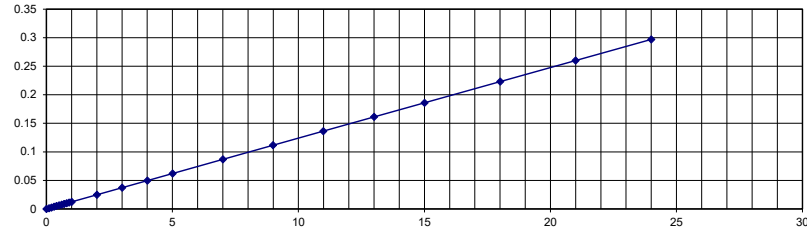
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	10
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000693547	0.000693547	2.18442E-05	0.006122235	-0.000689301	103.1690299	317.4977801	80.15638874
0.1A	0.100624325	0.100624325	0.000633644	0.0062559	-6.40514E-05	1089.274427	1588.026431	0.748348055
0.2A	0.19994903	0.19994903	0.001255009	0.006309101	0.000567951	-120.9712325	1593.207518	0.424530111
0.3A	0.30000371	0.30000371	0.001886264	0.006164288	0.001155762	-63.20524539	1590.4648	0.595949996
0.4A	0.401133344	0.401133344	0.002509657	0.006264575	0.001819383	-37.9400037	1598.359521	0.102529966
0.5A	0.500576746	0.500576746	0.003132627	0.00622504	0.002422563	-29.31044884	1597.945491	0.128406838
0.6A	0.599657306	0.599657306	0.003749408	0.006282599	0.003073859	-21.97720551	1599.338802	0.041324862
0.7A	0.700684952	0.700684952	0.004384124	0.006140761	0.003609192	-21.47106834	1598.232594	0.110462894
0.8A	0.799901449	0.799901449	0.004993389	0.006245455	0.004302202	-16.06589193	1601.921093	-0.120068289
0.9A	0.900670849	0.900670849	0.005622739	0.006294619	0.004975833	-13.00097179	1601.836388	-0.114774238
1A	1.00055807	1.00055807	0.006251491	0.006224347	0.005534274	-12.95956463	1600.511004	-0.031937779
2A	1.9926052	1.9926052	0.012426337	0.006229872	0.011720129	-6.025602554	1603.533849	-0.22086557
3A	3.00186592	3.00186592	0.018713902	0.006231339	0.018012096	-3.896307616	1604.083356	-0.255209732
4A	4.00888972	0.040088897	0.024989009	0.006244782	0.024341094	-2.661814869	1604.261217	-0.266326093
5A	5.00487733	0.050048773	0.031208734	0.006251143	0.030592658	-2.013802398	1603.678443	-0.229902672
7A	7.00886304	0.035044315	0.043735935	0.00624977	0.043110238	-1.451389322	1602.541021	-0.158813798
9A	9.00416708	0.045020835	0.056206128	0.00622815	0.055385754	-1.481199371	1601.990295	-0.124393466
11A	11.02796825	0.022055937	0.068810664	0.006243059	0.068154708	-0.96245178	1602.653944	-0.165871473
13A	13.0045267	0.026009053	0.081150435	0.006245378	0.080524641	-0.777146245	1602.520884	-0.157555255
15A	14.99678695	0.029993574	0.093592854	0.006229763	0.092732874	-0.927372783	1602.343162	-0.146447653
18A	18.0214854	0.036042971	0.112436007	0.006209304	0.111207335	-1.10484843	1602.821541	-0.17634631
21A	21.0187189	0.042037438	0.131046741	0.006206587	0.12976095	-0.990892025	1603.910081	-0.244380076
24A	24.00875875	0.048017518	0.149604682	0.006231254	0.148911135	-0.465745632	1604.813327	-0.300832956

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
URNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

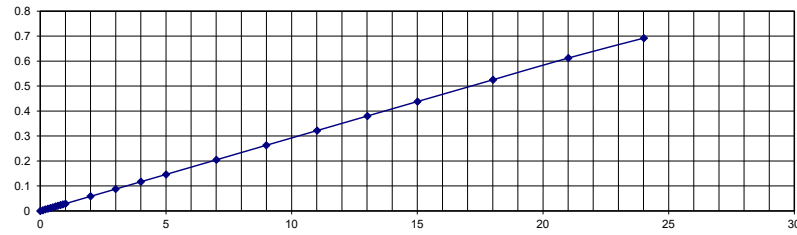
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	20
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000748381	0.000748381	2.35333E-05	0.012382984	-0.000739114	103.1839915	636.0181907	60.24886308
0.1A	0.100498299	0.100498299	0.001258735	0.012423829	0.000500193	-151.6499022	1596.814284	0.199107243
0.2A	0.201521245	0.201521245	0.002513827	0.012401512	0.001750787	-43.58263246	1603.302574	-0.206410903
0.3A	0.301543834	0.301543834	0.003754258	0.012320067	0.002966666	-26.54832907	1606.409701	-0.400606311
0.4A	0.400555169	0.400555169	0.004974084	0.012366617	0.004205132	-18.28605313	1610.568433	-0.660527036
0.5A	0.500858819	0.500858819	0.006214501	0.012435615	0.005480107	-13.40110377	1611.903495	-0.743968425
0.6A	0.599708822	0.599708822	0.007443762	0.012405312	0.006691194	-11.24713624	1611.305771	-0.706610663
0.7A	0.700500768	0.700500768	0.008694117	0.012323819	0.007884464	-10.26897185	1611.436189	-0.714761802
0.8A	0.799900761	0.799900761	0.009919105	0.012362771	0.009140609	-8.516895419	1612.848678	-0.803042344
0.9A	0.900347113	0.900347113	0.0111609	0.01246512	0.010474554	-6.552505616	1613.395165	-0.837197822
1A	1.00079776	1.00079776	0.01241303	0.012377853	0.011639346	-6.647135517	1612.49558	-0.780973734
2A	2.00009441	2.00009441	0.024782176	0.012386348	0.024025484	-3.149540487	1614.139454	-0.883715878
3A	2.99982104	2.99982104	0.037165138	0.012400756	0.036451668	-1.957303058	1614.319889	-0.894993054
4A	4.00110314	0.040011031	0.049581793	0.012395167	0.048845959	-1.506436145	1613.940493	-0.871280822
5A	5.00299794	0.050029979	0.062000446	0.0124353	0.061465399	-0.870484864	1613.858704	-0.866169017
7A	6.999231	0.034996155	0.086824202	0.012424096	0.086210738	-0.711587104	1612.27649	-0.767280647
9A	8.98831742	0.044941587	0.111536803	0.012410502	0.110801153	-0.663936878	1611.722262	-0.73264136
11A	10.9827039	0.021965408	0.136288141	0.012363156	0.135032501	-0.929879707	1611.688856	-0.730553475
13A	13.00182005	0.02600364	0.161250789	0.012347737	0.159794671	-0.911243099	1612.620953	-0.788809551
15A	15.00423915	0.030008478	0.185976133	0.012374011	0.184914245	-0.57425993	1613.566097	-0.847881042
18A	18.002244	0.036004488	0.223073479	0.012332818	0.221270018	-0.815049748	1614.019208	-0.876200528
21A	20.99560545	0.041991211	0.259990061	0.012335984	0.258253066	-0.672594164	1615.108314	-0.944269606
24A	24.00039225	0.048000785	0.297057062	0.012377175	0.296308681	-0.252567944	1615.877575	-0.992348441

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

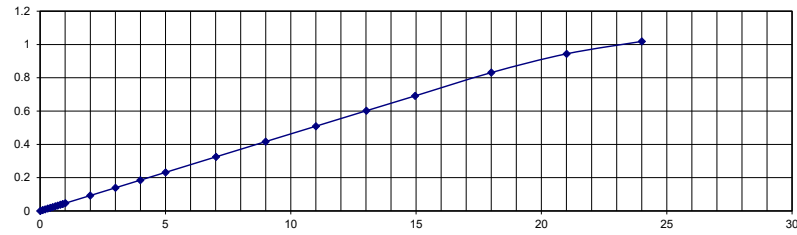
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	47
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000720019	0.000720019	2.60555E-05	0.02930121	-0.000698921	103.7279548	1298.801354	18.82491541
0.1A	0.100659255	0.100659255	0.002954396	0.029198608	0.002219091	-33.13539867	1601.337449	-0.083590541
0.2A	0.200049301	0.200049301	0.005856447	0.029190106	0.005119442	-14.39620925	1605.464391	-0.341524423
0.3A	0.30122552	0.30122552	0.008809792	0.02921719	0.008080945	-9.019330432	1607.030003	-0.439375206
0.4A	0.400835467	0.400835467	0.011720114	0.029225147	0.010994456	-6.600216863	1607.430295	-0.464393446
0.5A	0.500359043	0.500359043	0.014628706	0.029129784	0.013855332	-5.581777017	1607.584145	-0.474009051
0.6A	0.600999111	0.600999111	0.017560329	0.029198936	0.016828516	-4.348648044	1608.566581	-0.535411302
0.7A	0.700322787	0.700322787	0.020460475	0.029144917	0.01969083	-3.908642515	1608.719819	-0.544988669
0.8A	0.800686529	0.800686529	0.023385568	0.029121295	0.02259701	-3.489656031	1609.20905	-0.57556632
0.9A	0.900447495	0.900447495	0.026290736	0.029172292	0.025548099	-2.9068205	1609.731742	-0.608233887
1A	0.999836997	0.999836997	0.029190156	0.029190907	0.02846613	-2.543465035	1609.86942	-0.616838736
2A	2.00037575	2.00037575	0.058396789	0.0292092	0.057709356	-1.191197692	1609.979967	-0.62374792
3A	2.9985388	2.9985388	0.087552333	0.029246868	0.086977851	-0.660492728	1609.680962	-0.605060119
4A	4.00045219	0.040004522	0.116855162	0.029242048	0.116261398	-0.510714827	1609.011102	-0.563193846
5A	4.99980482	0.049998048	0.14607828	0.02923175	0.145433026	-0.443677491	1608.663701	-0.541481312
7A	7.00519354	0.035025968	0.204699302	0.029299446	0.204528272	-0.083621817	1608.428036	-0.526752279
9A	8.98809652	0.044940483	0.262797261	0.029164822	0.261416216	-0.528293656	1607.476938	-0.467308628
11A	11.0080423	0.022016085	0.32170862	0.029169601	0.32038018	-0.414644991	1608.219227	-0.513701673
13A	13.0115062	0.026023012	0.380148862	0.029076277	0.377606143	-0.673378608	1608.687681	-0.542980088
15A	15.00311085	0.030006222	0.438057311	0.02901737	0.434630806	-0.788371468	1609.712228	-0.607014231
18A	18.00933515	0.03601867	0.525290035	0.02909623	0.523283742	-0.383404418	1611.37409	-0.710880615
21A	21.00373365	0.042007467	0.612415743	0.026507292	0.556032082	-10.14036116	1611.936814	-0.746050868
24A	24.013097	0.048026194	0.692185816	0.028825345	0.691465797	-0.104129353	1630.509515	-1.906844675

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

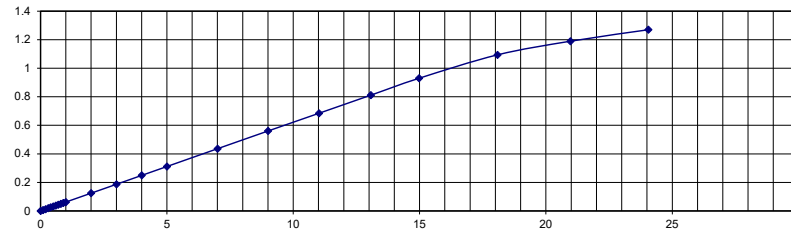
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	75
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000741792	0.000741792	2.8824E-05	0.046505687	-0.000707294	104.075248	1930.141335	-20.63383344
0.1A	0.100347832	0.100347832	0.004661071	0.046204777	0.003894757	-19.67553156	1614.669011	-0.916813156
0.2A	0.200193919	0.200193919	0.009274437	0.04624084	0.008515343	-8.914433362	1618.916941	-1.182308831
0.3A	0.300088079	0.300088079	0.013893627	0.046214974	0.013126771	-5.841928739	1619.922965	-1.245185288
0.4A	0.40042312	0.40042312	0.018530609	0.046215715	0.017764049	-4.31523169	1620.655568	-1.29097298
0.5A	0.499905636	0.499905636	0.023128264	0.046285339	0.02239651	-3.267270758	1621.086752	-1.317922023
0.6A	0.600409762	0.600409762	0.027780132	0.04619219	0.02699245	-2.918157237	1620.968995	-1.310562159
0.7A	0.700888493	0.700888493	0.032421464	0.046159641	0.031610969	-2.563967385	1621.352956	-1.334559739
0.8A	0.800406604	0.800406604	0.037015185	0.046171714	0.036214353	-2.211365538	1621.780249	-1.361265567
0.9A	0.900650842	0.900650842	0.041643633	0.04623507	0.040899862	-1.81851614	1622.068212	-1.379263236
1A	1.00081835	1.00081835	0.046274885	0.046250311	0.045546368	-1.599505904	1622.075925	-1.379745324
2A	1.99963533	1.99963533	0.09247048	0.046279992	0.091801315	-0.728928255	1621.843523	-1.365220218
3A	2.99962692	2.99962692	0.138750083	0.046382497	0.138388393	-0.261358307	1621.418987	-1.338686677
4A	3.99427478	0.039942748	0.184884334	0.046325497	0.184294974	-0.319791916	1620.313642	-1.269602601
5A	5.00209157	0.0500209157	0.231571948	0.046364095	0.231175654	-0.171425362	1620.04453	-1.25278315
7A	7.01236426	0.035061821	0.324776421	0.04624175	0.323522205	-0.387675295	1619.351916	-1.209494727
9A	8.99434754	0.044971738	0.416426797	0.046101342	0.413909703	-0.608126271	1619.915122	-1.2446951
11A	10.9984553	0.021996911	0.508818855	0.04610546	0.50634705	-0.488164115	1621.174489	-1.323405593
13A	13.0117373	0.026023475	0.601642148	0.045880643	0.596245086	-0.905175124	1622.027813	-1.376738309
15A	14.95876255	0.029917525	0.690972919	0.046065304	0.688338154	-0.382771847	1623.663041	-1.478940093
18A	18.00082715	0.036001654	0.83110655	0.03755013	0.675191612	-23.09195415	1624.415108	-1.525944255
21A	21.0060747	0.042012149	0.943953987	0.024840348	0.521056405	-81.16157446	1668.996184	-4.312261522
24A	24.00251075	0.048005022	1.0183865	0.042428332	1.017644708	-0.072893026	1767.686734	-10.48042088

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

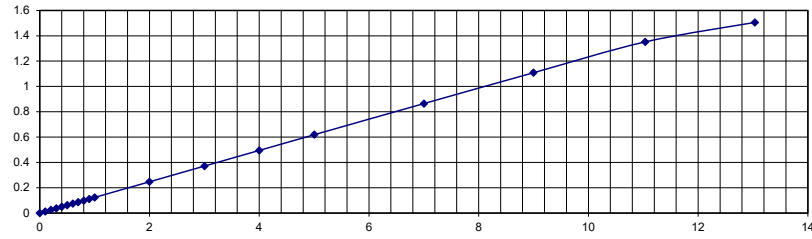
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	100
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000719755	0.000719755	3.1826E-05	0.062474565	-0.000674788	104.716445	2261.529045	-41.34556529
0.1A	0.100025421	0.100025421	0.006235904	0.062255577	0.005507386	-13.22802943	1604.024314	-0.251519616
0.2A	0.200672917	0.200672917	0.012501772	0.062193011	0.011760698	-6.301273885	1605.155763	-0.322235215
0.3A	0.300073761	0.300073761	0.01868381	0.062134692	0.017925236	-4.231876828	1606.063009	-0.378938035
0.4A	0.400004906	0.400004906	0.024893001	0.062161216	0.024145037	-3.097796717	1606.897086	-0.431067855
0.5A	0.500415096	0.500415096	0.03113462	0.062185165	0.030398641	-2.421093561	1607.262557	-0.453909822
0.6A	0.60018895	0.60018895	0.037339074	0.062120386	0.036564215	-2.119173411	1607.401806	-0.462612905
0.7A	0.700305808	0.700305808	0.043558372	0.06209782	0.042767709	-1.848737598	1607.741009	-0.483813078
0.8A	0.800000975	0.800000975	0.049749224	0.062198216	0.049038879	-1.448534833	1608.06723	-0.504201906
0.9A	0.899947788	0.899947788	0.055965738	0.06207247	0.055142227	-1.49342978	1608.033454	-0.502090852
1A	1.00023232	1.00023232	0.062190647	0.062176344	0.061471034	-1.170653283	1608.332404	-0.520775258
2A	1.99924392	1.99924392	0.124305535	0.062234772	0.123702735	-0.487297363	1608.33057	-0.520660645
3A	3.00268555	3.00268555	0.186754496	0.062282694	0.186295591	-0.246331545	1607.82504	-0.489065
4A	4.00233598	0.04002336	0.249015418	0.062406864	0.249053482	0.01528356	1607.264326	-0.454020381
5A	5.00111501	0.05001115	0.311346085	0.062318801	0.310943735	-0.129396368	1606.288067	-0.393004179
7A	7.00412586	0.035020629	0.436171319	0.062113285	0.434329509	-0.424058163	1605.819905	-0.363744057
9A	9.00031612	0.045001581	0.560161253	0.061616935	0.553852141	-1.139132942	1606.736644	-0.421040279
11A	11.01972985	0.02203946	0.684591338	0.061867399	0.681042266	-0.521123618	1609.68	-0.605000004
13A	13.07129385	0.026142588	0.811516266	0.061990631	0.809577998	-0.23941706	1610.724812	-0.670300751
15A	14.97765025	0.029955301	0.929692502	0.052927917	0.792016077	-17.38303408	1611.032704	-0.689543974
18A	18.08163935	0.036163279	1.09398018	0.033110482	0.597972037	-82.94838418	1652.830616	-3.301913511
21A	20.9672011	0.041934402	1.18952252	0.026054532	0.545570851	-118.0326384	1762.656927	-10.16605795
24A	24.05311955	0.048106239	1.26992468	0.052796673	1.269204925	-0.056709091	1894.058752	-18.37867202

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



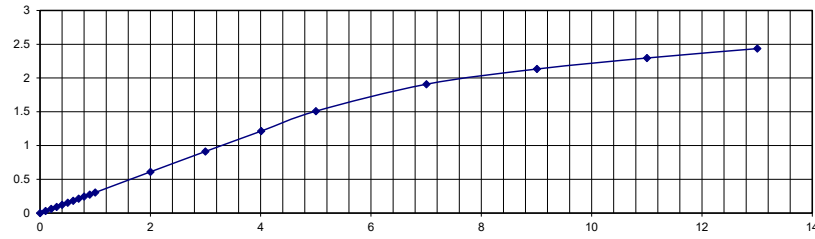
TEST SETUP	
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	200
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000700864	0.000700864	4.55902E-05	0.124265961	-0.000613771	107.4278837	3074.628652	-92.16429073
0.1A	0.100105366	0.100105366	0.012398186	0.123589963	0.011671154	-6.22930622	1614.8389	-0.927431231
0.2A	0.200295055	0.200295055	0.024780626	0.123563446	0.024048283	-3.045303916	1616.545556	-1.034097258
0.3A	0.300237607	0.300237607	0.037129872	0.123537935	0.036389869	-2.033540484	1617.229412	-1.076838274
0.4A	0.40015719	0.40015719	0.049473731	0.123436485	0.048693132	-1.603097981	1617.655192	-1.103449523
0.5A	0.500308332	0.500308332	0.061836036	0.123489762	0.061082093	-1.234311765	1618.177245	-1.136077837
0.6A	0.601089276	0.601089276	0.074281451	0.123518166	0.073544458	-1.001936955	1618.410167	-1.150635442
0.7A	0.70022037	0.70022037	0.086525942	0.123585396	0.085836147	-0.803617597	1618.521235	-1.157577173
0.8A	0.800122971	0.800122971	0.098872444	0.123515285	0.098126552	-0.760132394	1618.495381	-1.155961283
0.9A	0.900262867	0.900262867	0.111241252	0.123475314	0.110459376	-0.707840348	1618.577373	-1.161085795
1A	1.00005449	1.00005449	0.123563054	0.123659481	0.122965354	-0.486071468	1618.695002	-1.168437655
2A	1.99938154	1.99938154	0.247139318	0.123830139	0.246882831	-0.103890348	1618.019792	-1.126237024
3A	3.00251008	3.00251008	0.371356865	0.123719033	0.370766778	-0.159153185	1617.048377	-1.06552359
4A	4.00055981	0.040005598	0.494834612	0.123666668	0.494035036	-0.16184609	1616.928045	-1.05800284
5A	5.0048609	0.050048609	0.619033181	0.123069749	0.61524611	-0.615537587	1616.992773	-1.06204832
7A	7.00189824	0.035009491	0.864808065	0.121920818	0.852976297	-1.387115727	1619.295315	-1.205957185
9A	8.99844148	0.044992207	1.10822825	0.119681426	1.076245442	-2.971702076	1623.932882	-1.495805129
11A	11.0337299	0.02206746	1.35181447	0.076881165	0.847585145	-59.49010875	1632.432578	-2.027036114
13A	13.03369595	0.026067392	1.50557419	0.115513987	1.504873326	-0.04657298	1731.392054	-8.212003405

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

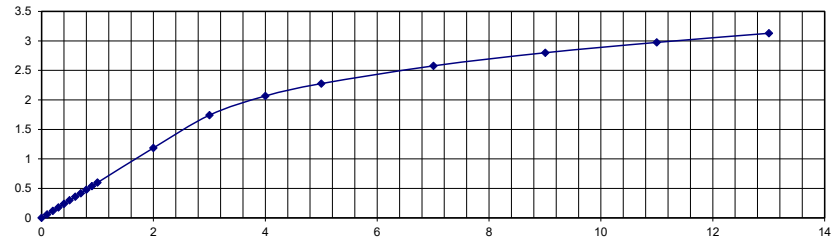
FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	500
MEASUREMENT CT TURNS RATIO:	1600
FREQUENCY(Hz):	60

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	0.000735423	0.000735423	0.000110839	0.305842238	-0.000510499	121.7119501	3317.515709	-107.3447318
0.1A	0.100196754	0.100196754	0.030530316	0.304058191	0.029730221	-2.691182396	1640.938725	-2.558670332
0.2A	0.200674265	0.200674265	0.061081326	0.304086076	0.060286827	-1.317864247	1642.680989	-2.667561802
0.3A	0.300881815	0.300881815	0.091553046	0.304062441	0.090751437	-0.88330268	1643.210285	-2.700642835
0.4A	0.400851405	0.400851405	0.121950044	0.304397083	0.121282576	-0.550341478	1643.506603	-2.719162662
0.5A	0.500577906	0.500577906	0.1523065	0.304658488	0.151769885	-0.353571257	1643.324172	-2.707760749
0.6A	0.600347035	0.600347035	0.182702012	0.305025862	0.182385949	-0.173293504	1642.967771	-2.685485717
0.7A	0.700522154	0.700522154	0.213258014	0.304866883	0.212830583	-0.200831548	1642.428673	-2.65179208
0.8A	0.799974796	0.799974796	0.243577831	0.305251708	0.24345825	-0.049117737	1642.133836	-2.633364754
0.9A	0.900192961	0.900192961	0.274169597	0.305403385	0.274186554	0.006184627	1641.671744	-2.604484009
1A	1.00020496	1.00020496	0.3047136	0.305779875	0.305107124	0.128979105	1641.221396	-2.576337256
2A	2.00018117	2.00018117	0.6104862	0.302737345	0.604794115	-0.941160802	1638.187047	-2.386690416
3A	2.99707074	2.99707074	0.912281902	0.297787028	0.891753365	-2.302042017	1642.623148	-2.663946769
4A	4.00816068	0.040081607	1.21337137	0.297746128	1.192678899	-1.734957438	1651.662788	-3.228924258
5A	5.00082071	0.050008207	1.50893205	0.199237802	0.995617106	-51.55746534	1657.072865	-3.567054055
7A	7.0033828	0.035016914	1.90791812	0.112322601	0.785902747	-142.7677125	1835.346792	-14.70917447
9A	9.00754286	0.045037714	2.13303059	0.081801803	0.736097824	-189.7754238	2111.442495	-31.96515591
11A	11.000679	0.022001358	2.29607272	0.069444234	0.763198308	-200.8487695	2395.542376	-49.72139852
13A	13.00098185	0.026001964	2.43498222	0.187292179	2.434246797	-0.03021151	2669.625623	-66.85160141

CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8320-1600
Lot #:	31393
TURNS/RATIO:	1600
DATE:	June 5, 2020
TESTER:	lb



TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	10
Burden (Ohms):	1000
MEASUREMENT CT TURNS RATIO:	1600
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	0.000736601	0.000736601	0.000227569	0.596763915	-0.000297024	176.6162368	3236.829278	-102.3018299
0.1A	0.100099607	0.100099607	0.059523825	0.595090945	0.058831769	-1.176330694	1681.672952	-5.104559493
0.2A	0.200226914	0.200226914	0.119108679	0.595433587	0.118485229	-0.526183605	1681.043864	-5.065241509
0.3A	0.300054467	0.300054467	0.178549357	0.596980544	0.178390078	-0.089286735	1680.512728	-5.032045495
0.4A	0.400281983	0.400281983	0.238383234	0.598190827	0.23870841	0.136223034	1679.153254	-4.947078357
0.5A	0.500344599	0.500344599	0.298239773	0.599008354	0.298973994	0.245580282	1677.658865	-4.853679048
0.6A	0.600329682	0.600329682	0.358131673	0.600036909	0.359483366	0.376009875	1676.282014	-4.767625859
0.7A	0.700035592	0.700035592	0.417958899	0.600366009	0.419540974	0.377096723	1674.890985	-4.680686557
0.8A	0.801086003	0.801086003	0.478626131	0.600645328	0.480431964	0.375877029	1673.719739	-4.60748368
0.9A	0.900484467	0.900484467	0.538329354	0.59945865	0.539066602	0.136763817	1672.738929	-4.546183056
1A	1.00002961	1.00002961	0.598002551	0.587980917	0.587261727	-1.828967158	1672.283184	-4.517698997
2A	2.00024263	2.00024263	1.18610872	0.554426359	1.108250638	-7.02531353	1686.390629	-5.399414292
3A	3.00287786	3.00287786	1.74199612	0.324855389	0.974764454	-78.7094423	1723.814322	-7.738395106
4A	4.00143319	0.040014332	2.0663822	0.209895828	0.839147532	-146.2477839	1936.443892	-21.02774326
5A	5.00073028	0.050007303	2.27613049	0.149927119	0.749008485	-203.8858086	2197.031454	-37.31446588
7A	7.00755674	0.035037784	2.5770082	0.111417983	0.78003124	-230.3724346	2719.260552	-69.95378449
9A	9.00554632	0.045027732	2.79962017	0.087834056	0.790257057	-254.2670254	3216.7029	-101.0439313
11A	10.99765335	0.021995307	2.97459501	0.077116745	0.84736663	-251.0399049	3697.193505	-131.074594
13A	13.00480575	0.026009612	3.12938007	0.240632588	3.128643469	-0.023543767	4155.713099	-159.7320687