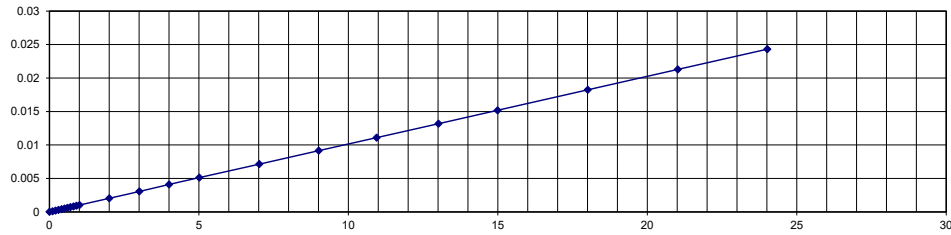


CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
TURNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb



TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	1
MEASUREMENT CT TURNS RATIO:	1000
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	0.000400453	0.000400453	2.58076E-05	0.000821967	-0.000400124	106.449897	15.51687801	98.4483122
0.1A	0.100431815	0.100431815	0.00010803	0.000995584	-0.000300465	135.9543497	929.6652754	7.033472464
0.2A	0.201661249	0.201661249	0.000208813	0.001044659	-0.000189786	210.0254796	965.752713	3.424728703
0.3A	0.300208296	0.300208296	0.000311761	0.001015628	-9.55529E-05	426.2702923	962.9449427	3.705505727
0.4A	0.400428422	0.400428422	0.000413547	0.001031166	1.24552E-05	-3220.287957	968.2779078	3.17220922
0.5A	0.500594562	0.500594562	0.000516835	0.001007995	0.000104144	-396.2692129	968.5773456	3.142265439
0.6A	0.60169746	0.60169746	0.000618746	0.000964533	0.000179904	-243.9306456	972.4464216	2.75535784
0.7A	0.699863041	0.699863041	0.00071343	0.001116774	0.000381136	-87.18518358	980.9833367	1.901666327
0.8A	0.80471316	0.80471316	0.000830524	0.000904655	0.000327535	-153.5682389	968.9222296	3.10777704
0.9A	0.899665726	0.899665726	0.000916423	0.001058776	0.000552092	-65.991191	981.7141694	1.828583062
1A	1.00170152	1.00170152	0.001024456	0.001014066	0.000615338	-66.48666472	977.7884041	2.221159588
2A	2.00155312	2.00155312	0.002038372	0.001012765	0.00162665	-25.31099802	981.9372783	1.806272169
3A	3.00744331	3.00744331	0.003057102	0.001055265	0.002773198	-10.23743087	983.7562411	1.624375887
4A	4.0007014	0.040007014	0.004105253	0.001012751	0.00365126	-12.43386269	974.5322348	2.54677652
5A	5.00845152	0.050084515	0.005125853	0.001000012	0.004608059	-11.23669894	977.0962672	2.290373277
7A	7.01691044	0.035084552	0.007134336	0.001014524	0.006718372	-6.191435665	983.540814	1.645918601
9A	9.00751262	0.045037563	0.00915385	0.001004264	0.008645471	-5.880290341	984.013596	1.598640395
11A	10.93929525	0.021878591	0.01109387	0.001005454	0.010598506	-4.673902847	986.0666343	1.393336565
13A	13.0103169	0.026020634	0.013176187	0.001015169	0.012807222	-2.88091406	987.4113433	1.258865672
15A	14.9908472	0.029981694	0.015186761	0.001012995	0.014785201	-2.715957931	987.0996917	1.290030828
18A	18.00571985	0.03601144	0.018240812	0.001011837	0.017818409	-2.370598473	987.1117389	1.288826108
21A	21.01933475	0.04203867	0.021290101	0.001009977	0.020828599	-2.215709632	987.2820728	1.271792716
24A	24.0094079	0.048018816	0.024310007	0.00101252	0.023909554	-1.674865621	987.6347629	1.236523713

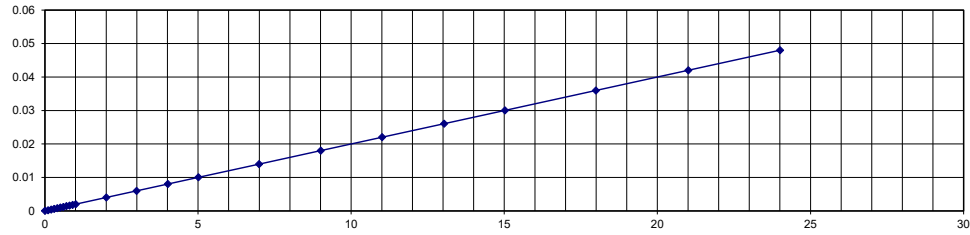
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
TURNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	2
MEASUREMENT CT TURNS RATIO:	1000
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	0.000799214	0.000799214	2.94674E-05	0.001842334	-0.000797741	103.6938513	54.24396683	94.57560332
0.1A	0.101604648	0.101604648	0.000215185	0.002017959	-0.00059418	136.2154259	944.3482421	5.565175792
0.2A	0.199648912	0.199648912	0.000413034	0.001910479	-0.000417789	198.8619636	966.7432646	3.325673544
0.3A	0.300098055	0.300098055	0.00060494	0.002042758	-0.000186186	424.9114689	992.1580998	0.784190017
0.4A	0.399545666	0.399545666	0.000808087	0.002003275	1.18597E-06	-68037.26684	988.8675178	1.113248215
0.5A	0.501842166	0.501842166	0.001013015	0.001957551	0.000183168	-453.0532179	990.7888974	0.921110255
0.6A	0.599973563	0.599973563	0.001205113	0.002096306	0.000458515	-162.8297061	995.7137827	0.428621726
0.7A	0.700660113	0.700660113	0.001416182	0.001914609	0.000542276	-161.1551707	989.5055152	1.049448485
0.8A	0.801221074	0.801221074	0.001608717	0.002039829	0.00083514	-92.62841991	996.0993381	0.390066194
0.9A	0.90158091	0.90158091	0.001813434	0.002006334	0.001009659	-79.60860581	994.33546	0.566454003
1A	1.00188019	1.00188019	0.002014668	0.002007758	0.001212319	-66.18297831	994.5859217	0.541407829
2A	2.00087261	2.00087261	0.004020403	0.001996148	0.003194825	-25.84110411	995.3592858	0.464071416
3A	2.98839531	2.98839531	0.005991645	0.001996445	0.005166952	-15.96089931	997.5208993	0.247910068
4A	4.00996167	0.040099617	0.008031145	0.002001669	0.007227403	-11.12076547	998.6026949	0.139730506
5A	5.01128955	0.050112895	0.010035472	0.001990415	0.009175331	-9.374498174	998.7152274	0.12847726
7A	6.99276888	0.034963844	0.013979438	0.002007902	0.013241582	-5.572265141	1000.436327	-0.043632655
9A	9.0060902	0.045030451	0.01802199	0.001995839	0.017175489	-4.928541418	999.455665	0.054433499
11A	11.0072231	0.022014446	0.022015929	0.001994959	0.021159749	-4.046264234	999.9326578	0.006734215
13A	13.03144315	0.026062886	0.026054166	0.001999676	0.025259449	-3.146217075	1000.334714	-0.033471423
15A	15.01788565	0.030035771	0.030026407	0.00200601	0.02932682	-2.385483852	1000.311879	-0.031187881
18A	17.98668888	0.035973378	0.035981857	0.002000602	0.035184998	-2.264767124	999.7643562	0.023564376
21A	21.0101744	0.042020349	0.042030649	0.002000186	0.041225046	-1.954159601	999.7549384	0.024506165
24A	24.0054216	0.048010843	0.048021701	0.002000452	0.047222487	-1.692442994	999.7739022	0.022609778

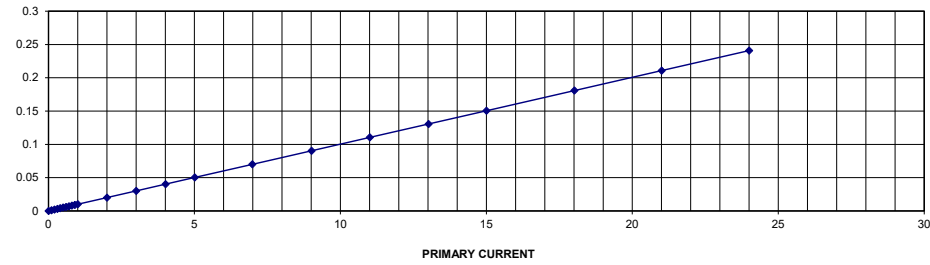
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
TURNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	10
MEASUREMENT CT TURNS RATIO:	1000
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	0.000805948	0.000805948	2.28894E-05	0.00992276	-0.000797951	102.8685187	352.1058486	64.78941514
0.1A	0.101245203	0.101245203	0.001019524	0.010125835	0.000219244	-365.017741	993.0634298	0.69365702
0.2A	0.200534215	0.200534215	0.002024908	0.009958956	0.001191163	-69.99417867	990.3373102	0.966268985
0.3A	0.300645741	0.300645741	0.003021914	0.010005404	0.002202134	-37.22663601	994.8850075	0.511499253
0.4A	0.400431392	0.400431392	0.00402031	0.010118643	0.003245874	-23.85908664	996.021118	0.397888197
0.5A	0.501029972	0.501029972	0.005038231	0.009921386	0.004164964	-20.96699993	994.4560526	0.554394741
0.6A	0.60034917	0.60034917	0.006023615	0.010057469	0.005232045	-15.12926798	996.6591842	0.334081583
0.7A	0.699437215	0.699437215	0.00702019	0.0100493	0.006222907	-12.81208184	996.322275	0.3677725
0.8A	0.800394283	0.800394283	0.008034738	0.009962912	0.00716831	-12.08692609	996.1671982	0.383280183
0.9A	0.89996501	0.89996501	0.009027067	0.010036468	0.008226838	-9.727047108	996.9977445	0.300225547
1A	1.00016152	1.00016152	0.01003237	0.010012389	0.009208058	-8.952066837	996.934483	0.306551704
2A	2.00113676	2.00113676	0.020054523	0.010011267	0.019227967	-4.298718318	997.8480914	0.215190856
3A	3.00061815	3.00061815	0.030060599	0.01009844	0.029495615	-1.915483689	998.1897566	0.18102434
4A	4.00637091	0.040063709	0.040217133	0.010036628	0.039404505	-2.062271933	996.1851209	0.381487913
5A	5.01105151	0.050110515	0.050300738	0.009968153	0.049144978	-2.351734293	996.218296	0.378170399
7A	6.98161152	0.034908058	0.069943581	0.010052446	0.069376323	-0.81765284	998.1775969	0.182240313
9A	9.00850866	0.045042543	0.090318854	0.010074504	0.089950305	-0.409725638	997.4117519	0.258824807
11A	11.00430365	0.022008607	0.110425498	0.010018579	0.109441541	-0.899070405	996.5364748	0.346352524
13A	13.02067895	0.026041358	0.130626714	0.010001887	0.129425416	-0.928178123	996.7853092	0.321469083
15A	15.00126095	0.030002522	0.150436272	0.010053204	0.150004796	-0.28764164	997.1837743	0.281622573
18A	18.01553685	0.036031074	0.180739404	0.01005603	0.180358832	-0.211008098	996.7686321	0.323136785
21A	21.0062253	0.042012451	0.210813857	0.010026104	0.209804654	-0.481020236	996.4347505	0.356524951
24A	23.99929545	0.047998591	0.24082269	0.010034573	0.240016742	-0.335788298	996.5545792	0.344542078

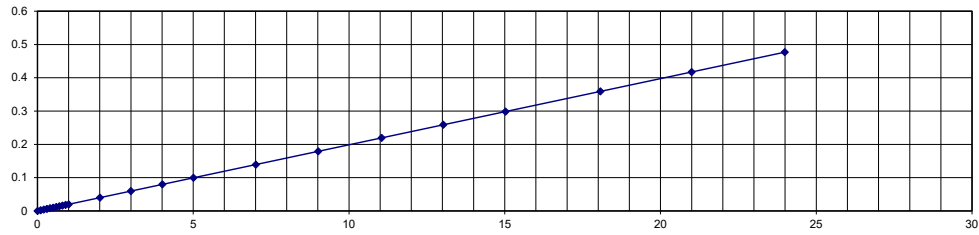
CURRENT TRANSFORMER CHARACTERISTICS TEST

PRODUCT:	CR8420-1000-G
Lot #:	31474
URNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	20
MEASUREMENT CT TURNS RATIO:	1000
FREQUENCY(Hz):	60

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE



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	0.000838341	0.000838341	2.65272E-05	0.019972999	-0.000821597	103.2287408	632.0606758	36.79393242
0.1A	0.099321067	0.099321067	0.001993523	0.019908891	0.001139031	-75.01912831	996.4378032	-0.35621968
0.2A	0.199444182	0.199444182	0.003986863	0.019808754	0.0031124	-28.09610596	1000.506855	-0.050685465
0.3A	0.29912955	0.29912955	0.005961506	0.019901429	0.005114765	-16.55484282	1003.536887	-0.353688659
0.4A	0.400116137	0.400116137	0.007971283	0.019942153	0.007140836	-11.62954871	1003.893913	-0.389391256
0.5A	0.50109923	0.50109923	0.009985104	0.019938633	0.009152893	-9.092324522	1003.693606	-0.369360616
0.6A	0.602291478	0.602291478	0.012002739	0.019892742	0.011142888	-7.716587965	1003.590086	-0.359008565
0.7A	0.69910793	0.69910793	0.013928683	0.019780402	0.012990295	-7.223766253	1003.839214	-0.383921426
0.8A	0.801502755	0.801502755	0.015954094	0.02000096	0.015192484	-5.013074047	1004.761217	-0.476121672
0.9A	0.900203326	0.900203326	0.0179282	0.019774326	0.016962573	-5.69269584	1004.231664	-0.423166399
1A	1.00020044	1.00020044	0.019905576	0.019873463	0.019039105	-4.551005635	1004.944991	-0.494499132
2A	2.00201366	2.00201366	0.039815074	0.0198731	0.038947876	-2.226558876	1005.656139	-0.565613924
3A	2.99643512	2.99643512	0.059577311	0.019861214	0.058674499	-1.538677792	1005.898083	-0.589808263
4A	4.00620266	0.040062027	0.07963252	0.019888607	0.078839447	-1.005933817	1006.172518	-0.617251846
5A	5.00602693	0.050060269	0.099517632	0.019851633	0.09853947	-0.992659791	1006.058294	-0.60582943
7A	7.00457964	0.035022898	0.139192167	0.019858544	0.13826241	-0.672458547	1006.461756	-0.646175585
9A	9.00715096	0.045035755	0.178960317	0.019828545	0.177760357	-0.675043848	1006.60874	-0.660873997
11A	11.0449142	0.022089828	0.219366197	0.019856242	0.21847215	-0.409227059	1006.984153	-0.698415262
13A	13.02591905	0.026051838	0.258701509	0.019903446	0.258422335	-0.108030281	1007.023044	-0.702304369
15A	15.02195115	0.030043902	0.298429426	0.019889088	0.297934566	-0.166097031	1006.73391	-0.673391035
18A	18.0696253	0.036139251	0.359044885	0.019900624	0.358758478	-0.079832882	1006.538517	-0.653851677
21A	20.99504975	0.0419901	0.417262657	0.019907123	0.4171112697	-0.035951827	1006.322967	-0.632296697
24A	23.98566195	0.047971324	0.476797142	0.019878423	0.475958801	-0.176137309	1006.116012	-0.611601191

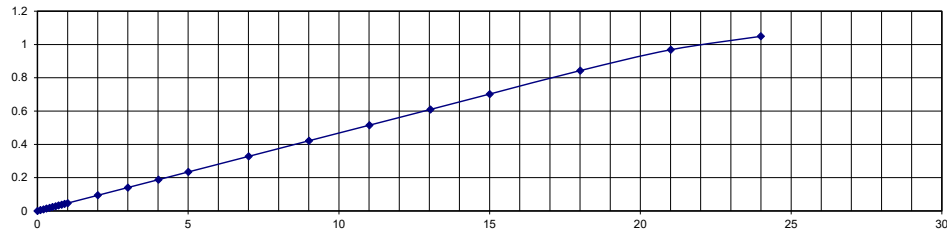
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
URNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	47
MEASUREMENT CT TURNS RATIO:	1000
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	0.000844454	0.000844454	3.9495E-05	0.047131351	-0.000804654	104.9083182	1004.921434	-0.49214342
0.1A	0.099991526	0.099991526	0.00471243	0.046939931	0.003849141	-22.42811008	997.2777004	0.272229962
0.2A	0.199083133	0.199083133	0.009363784	0.046896613	0.00849187	-10.26762602	999.2656495	0.073435049
0.3A	0.299847013	0.299847013	0.014089268	0.046847996	0.013202777	-6.714428645	1000.251355	-0.025135521
0.4A	0.400375388	0.400375388	0.018798821	0.046896463	0.017931735	-4.835482549	1001.00124	-0.100124023
0.5A	0.501025863	0.501025863	0.023518972	0.046905797	0.022656563	-3.806443489	1001.243386	-0.1243386
0.6A	0.600227059	0.600227059	0.028172084	0.046808219	0.027251105	-3.3796	1001.369731	-0.136973088
0.7A	0.701207771	0.701207771	0.032898811	0.046926249	0.032060596	-2.61447148	1001.761594	-0.176159367
0.8A	0.800727241	0.800727241	0.037568886	0.046750473	0.036589923	-2.675500467	1001.737981	-0.173798144
0.9A	0.899761961	0.899761961	0.042198806	0.046850254	0.041309622	-2.152486763	1002.132901	-0.213290078
1A	1.00075797	1.00075797	0.046930495	0.046824833	0.04601587	-1.987628463	1002.240113	-0.224011253
2A	2.00205747	2.00205747	0.093816177	0.046801864	0.092855566	-1.034521534	1002.990146	-0.299014625
3A	2.99963719	2.99963719	0.140504767	0.046680609	0.139180436	-0.951521201	1003.403308	-0.340330752
4A	4.01139711	0.040113971	0.187734336	0.046799942	0.186888696	-0.452483112	1004.268416	-0.426841561
5A	5.00190155	0.050019016	0.234089886	0.046780215	0.233145573	-0.405031343	1004.269671	-0.426967122
7A	7.00400314	0.035020016	0.327748628	0.046862339	0.327379513	-0.112748483	1004.392145	-0.439214525
9A	9.0023979	0.04501199	0.42139808	0.04665799	0.419189338	-0.526907896	1004.068887	-0.406888731
11A	11.01096695	0.022021934	0.515113875	0.04668827	0.513238541	-0.365392351	1004.662215	-0.466221503
13A	13.0368202	0.02607364	0.609697458	0.047083224	0.612971074	0.53405173	1004.974748	-0.497474831
15A	14.9979202	0.02999584	0.702032369	0.046932541	0.703046044	0.144183339	1004.08796	-0.408796022
18A	18.00459325	0.036009187	0.843143174	0.041697145	0.749895686	-12.43472791	1003.64435	-0.364434991
21A	21.00540295	0.042010806	0.968268372	0.026963996	0.565545157	-71.20973646	1019.607753	-1.960775256
24A	23.99657075	0.047993142	1.04892221	0.043711338	1.048077756	-0.08057174	1075.235908	-7.523590834

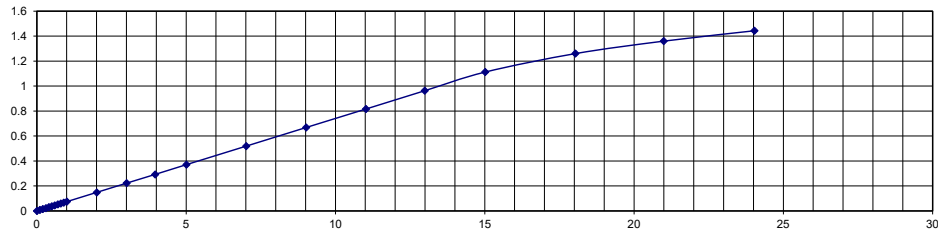
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
URNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	75
MEASUREMENT CT TURNS RATIO:	1000
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	0.00085059	0.00085059	5.94579E-05	0.074483444	-0.000787235	107.5527451	1072.932118	-7.293211826
0.1A	0.100058514	0.100058514	0.007448806	0.074350759	0.006588836	-13.05191794	1007.461984	-0.746198416
0.2A	0.200329238	0.200329238	0.01490401	0.074140471	0.014001914	-6.442664995	1008.097334	-0.809733415
0.3A	0.30116272	0.30116272	0.022379852	0.074282967	0.02152067	-3.992355465	1009.265124	-0.926512387
0.4A	0.400512662	0.400512662	0.02975986	0.074240859	0.028883814	-3.033002298	1009.361242	-0.936124183
0.5A	0.500381678	0.500381678	0.037174222	0.074099605	0.036227494	-2.613285089	1009.533594	-0.95335943
0.6A	0.599172907	0.599172907	0.044494613	0.074185658	0.043599446	-2.053160419	1009.964243	-0.996424277
0.7A	0.701356342	0.701356342	0.052075158	0.073950229	0.051014872	-2.078386289	1010.11168	-1.011168026
0.8A	0.801114503	0.801114503	0.059452297	0.074082947	0.058498333	-1.630754778	1010.618438	-1.061843789
0.9A	0.900307875	0.900307875	0.066800835	0.074154209	0.065911028	-1.350011105	1010.812082	-1.081208237
1A	1.00444501	1.00444501	0.074523041	0.074061655	0.07354027	-1.336372043	1010.873608	-1.087360815
2A	2.00200444	2.00200444	0.148403944	0.073939346	0.147176308	-0.834125827	1011.767807	-1.17678072
3A	3.00254122	3.00254122	0.222382979	0.073199177	0.218932955	-1.575836011	1012.625123	-1.262512317
4A	3.96015426	0.039601543	0.292479465	0.074792498	0.295339238	0.968301013	1015.495462	-1.549546222
5A	5.00673867	0.050067387	0.370756127	0.074046207	0.369879416	-0.237026156	1012.809696	-1.280969593
7A	7.0123102	0.035061551	0.519261091	0.074319672	0.520302003	0.200059155	1012.830104	-1.283010438
9A	9.0171185	0.045085593	0.668257786	0.073915958	0.665658359	-0.390504683	1012.010487	-1.201048707
11A	11.01784915	0.022035698	0.816143708	0.074425426	0.819157531	0.367917408	1012.491646	-1.249164596
13A	12.9909938	0.025981988	0.96299584	0.07386134	0.958681615	-0.45001642	1011.764012	-1.17640124
15A	15.01234395	0.030024688	1.11229547	0.048949694	0.733999057	-51.53908713	1012.254232	-1.225423156
18A	18.0359898	0.03607198	1.26030201	0.033730912	0.607519796	-107.450361	1073.313558	-7.331355839
21A	20.9938692	0.041987738	1.36007398	0.027358594	0.573512158	-137.1482384	1157.687165	-15.76871649
24A	24.02997805	0.048059956	1.44313765	0.060055721	1.44228706	-0.058975102	1248.840229	-24.88402293

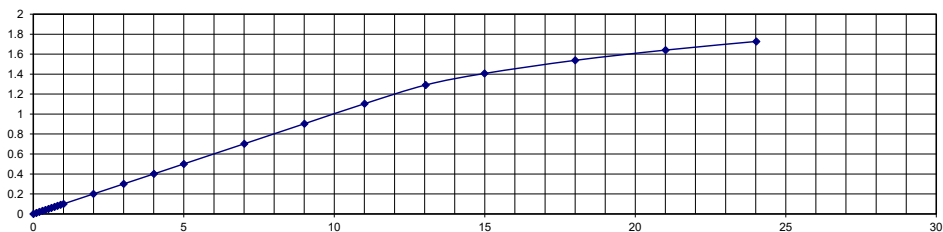
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
URNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	100
MEASUREMENT CT TURNS RATIO:	1000
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	0.000856532	0.000856532	7.79228E-05	0.100740431	-0.000770244	110.1166335	1099.205554	-9.920555357
0.1A	0.100490717	0.100490717	0.010115114	0.100489239	0.009241704	-9.450744293	993.470968	0.652903196
0.2A	0.200329642	0.200329642	0.020147851	0.100530182	0.019282643	-4.486976871	994.2978038	0.570219617
0.3A	0.301089801	0.301089801	0.030277288	0.100362578	0.029361617	-3.118600843	994.4411072	0.55588928
0.4A	0.398406593	0.398406593	0.040044252	0.10013786	0.039039052	-2.574859477	994.9157972	0.50842028
0.5A	0.499788573	0.499788573	0.050196427	0.100295568	0.049270047	-1.88020889	995.6656357	0.433436429
0.6A	0.599866956	0.599866956	0.060233845	0.100264559	0.059288864	-1.593859666	995.8968318	0.410316823
0.7A	0.701244351	0.701244351	0.070398405	0.100202703	0.069410048	-1.423939623	996.1082939	0.389170607
0.8A	0.802681236	0.802681236	0.080562655	0.100112369	0.079501788	-1.334393438	996.3440691	0.36559309
0.9A	0.903693701	0.903693701	0.090675252	0.100116073	0.089617733	-1.180033736	996.6266187	0.337338129
1A	1.00188004	1.00188004	0.100505283	0.1001006	0.099432261	-1.079148317	996.843161	0.315683903
2A	1.99483066	1.99483066	0.199900236	0.100082431	0.19879097	-0.558006007	997.913109	0.208689098
3A	3.00103926	3.00103926	0.300604039	0.099607914	0.298070728	-0.849902491	998.3363065	0.166369355
4A	4.00525501	0.04005255	0.400631875	0.100708073	0.402504983	0.465362731	999.7344844	0.026551557
5A	4.99831889	0.049983189	0.500641425	0.100286488	0.500407313	-0.046784209	998.3830024	0.161699763
7A	7.00947066	0.035047353	0.702332772	0.100562293	0.704031913	0.241344288	998.0269951	0.19730049
9A	9.00246598	0.04501233	0.902752952	0.100275683	0.901871897	-0.097691859	997.2236546	0.277634539
11A	11.00048615	0.022000972	1.10310579	0.092376401	1.015328793	-8.645179494	997.228575	0.277142503
13A	13.03485745	0.026069715	1.29103369	0.059019225	0.768450655	-68.00476151	1009.645027	-0.964502716
15A	14.98571295	0.029971426	1.40617167	0.043667389	0.65353043	-115.165447	1065.71006	-6.571006014
18A	17.9997333	0.035999467	1.53778607	0.034195056	0.614645364	-150.1907864	1170.496576	-17.04965763
21A	21.0041284	0.042008257	1.64052153	0.028712926	0.602233445	-172.4062478	1280.332383	-28.03323831
24A	24.02031425	0.048040629	1.72712505	0.071902683	1.726268518	-0.049617534	1390.768679	-39.07686794

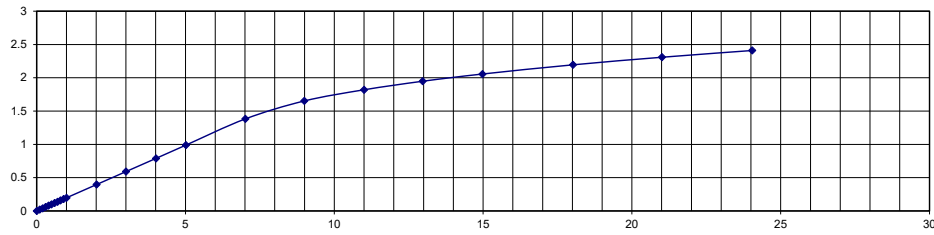
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
TURNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	200
MEASUREMENT CT TURNS RATIO:	1000
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	0.000838774	0.000838774	0.000147471	0.198401073	-0.00067236	121.9333707	1137.542127	-13.75421272
0.1A	0.101348546	0.101348546	0.020088718	0.197553399	0.019182976	-4.721591251	1009.009599	-0.900959936
0.2A	0.200784911	0.200784911	0.03973271	0.197535089	0.038823292	-2.342454917	1010.678164	-1.067816422
0.3A	0.299811653	0.299811653	0.059293966	0.197206806	0.058286125	-1.729127119	1011.272049	-1.127204915
0.4A	0.399880105	0.399880105	0.079028146	0.197026598	0.077948243	-1.385410074	1011.994146	-1.199414575
0.5A	0.498915551	0.498915551	0.098540763	0.196519618	0.09720792	-1.371125695	1012.607446	-1.260744552
0.6A	0.598968977	0.598968977	0.118203224	0.196781194	0.117027057	-1.005038832	1013.456244	-1.34562438
0.7A	0.700491392	0.700491392	0.138180926	0.19636025	0.136709891	-1.076026523	1013.875666	-1.387566617
0.8A	0.79972722	0.79972722	0.157666898	0.196405055	0.156231695	-0.918637673	1014.451645	-1.445164476
0.9A	0.90114128	0.90114128	0.177585132	0.196242466	0.176003413	-0.898686344	1014.883701	-1.488370096
1A	1.0040372	1.0040372	0.197064638	0.196716631	0.195957276	-0.565103847	1015.305161	-1.530516094
2A	2.00941673	2.00941673	0.395554278	0.196923246	0.394862092	-0.175298064	1016.000504	-1.600050449
3A	2.99949506	2.99949506	0.590523717	0.196738345	0.589276921	-0.211580628	1015.876238	-1.587623787
4A	4.00937142	0.040093714	0.789205121	0.198330798	0.794343061	0.646816224	1016.053067	-1.60530674
5A	5.01112932	0.050111293	0.987884565	0.197129202	0.98700115	-0.089504958	1014.517181	-1.451718096
7A	7.0118242	0.035059121	1.38227995	0.136085681	0.953370098	-44.98880902	1014.530262	-1.453026212
9A	8.99318534	0.044965927	1.65191483	0.083527048	0.750335454	-120.1568406	1088.819493	-8.881949319
11A	10.9973396	0.021994679	1.81931592	0.065123052	0.715341544	-154.3282905	1208.953264	-20.89532641
13A	12.965566	0.025931132	1.94749283	0.054029091	0.699678975	-178.3409105	1331.513606	-33.15136056
15A	14.97826985	0.02995654	2.05623739	0.045406041	0.679265156	-202.7149814	1456.861929	-45.68619288
18A	18.0177705	0.036035541	2.19424908	0.038106033	0.685746977	-219.9794027	1642.272125	-64.22721253
21A	21.00954535	0.042019091	2.30825375	0.033407234	0.701032023	-229.2650942	1820.384379	-82.03843793
24A	24.037509	0.048075018	2.40940964	0.100235413	2.408570866	-0.034824534	1995.3028	-99.53027996

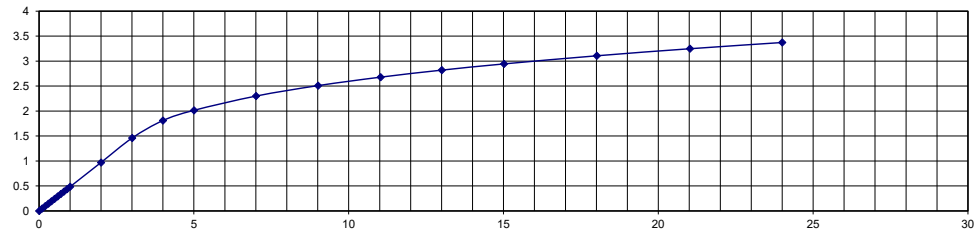
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
TURNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	500
MEASUREMENT CT TURNS RATIO:	1000
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	0.000821024	0.000821024	0.000373655	0.488648416	-0.000419832	189.0011082	1098.63893	-9.863892969
0.1A	0.099658255	0.099658255	0.048670311	0.485529789	0.047566028	-2.32158024	1023.809507	-2.380950659
0.2A	0.198890279	0.198890279	0.096850415	0.483516126	0.095345633	-1.57823865	1026.791051	-2.679105089
0.3A	0.300354295	0.300354295	0.145909903	0.482877594	0.144213336	-1.176428789	1029.24575	-2.924574969
0.4A	0.399756975	0.399756975	0.19390923	0.48310884	0.192305105	-0.834156307	1030.783772	-3.078377187
0.5A	0.499815941	0.499815941	0.242248601	0.483308949	0.240744494	-0.624773299	1031.617807	-3.161780695
0.6A	0.60097611	0.60097611	0.291140216	0.483071541	0.289493432	-0.568850194	1032.107687	-3.210768725
0.7A	0.700881277	0.700881277	0.339401559	0.484050581	0.338440965	-0.283829014	1032.525129	-3.252512903
0.8A	0.800156677	0.800156677	0.387455874	0.483858602	0.386341667	-0.288399363	1032.577812	-3.257781169
0.9A	0.901789042	0.901789042	0.436631568	0.483707762	0.435381335	-0.287158096	1032.665877	-3.266587678
1A	0.999169522	0.999169522	0.483735262	0.48647925	0.485254216	0.313022238	1032.76482	-3.276482044
2A	1.99821407	1.99821407	0.969749704	0.487021467	0.972352124	0.267641695	1030.273101	-3.027310127
3A	3.00751526	3.00751526	1.46130105	0.351634995	1.056726589	-38.28563276	1029.053958	-2.905395846
4A	3.99839033	0.039983903	1.8097274	0.204306142	0.816074679	-121.7600236	1104.694091	-10.46940909
5A	5.00080224	0.050008022	2.01452631	0.142498243	0.711784509	-183.0247474	1241.185636	-24.11856363
7A	7.00437382	0.035021869	2.30003174	0.104501953	0.731149719	-214.5773951	1522.668948	-52.2668948
9A	9.01092216	0.045054611	2.50971996	0.083862731	0.754859519	-232.4751028	1795.204705	-79.52047048
11A	11.0312209	0.022062442	2.67914773	0.07117565	0.784333289	-241.5828152	2058.718296	-105.8718296
13A	13.0085848	0.02601717	2.81988789	0.061987326	0.805546369	-250.0590406	2306.578365	-130.6578365
15A	15.01282675	0.030025654	2.94412549	0.054229267	0.813313565	-261.9914405	2549.624125	-154.9624125
18A	18.01164435	0.036023289	3.10674917	0.047008937	0.845887229	-267.2769918	2898.792816	-189.8792816
21A	21.0194771	0.042038954	3.24814419	0.041801491	0.877824463	-270.0220634	3235.613303	-223.5613303
24A	24.00155445	0.048003109	3.37279947	0.14052421	3.371978446	-0.024348425	3558.105761	-255.8105761

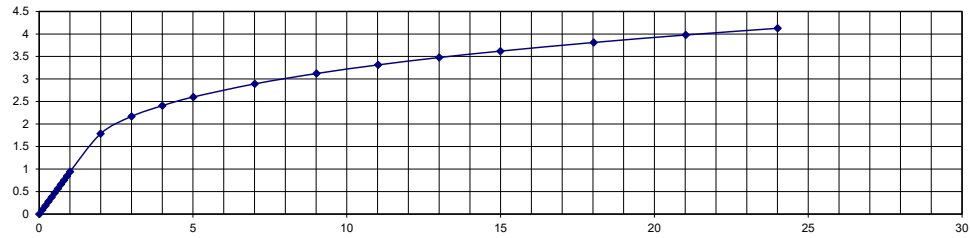
CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

PRODUCT:	CR8420-1000-G
Lot #:	31474
TURNS/RATIO:	1000
DATE:	August 3, 2020
TESTER:	lb

TEST SETUP

FULL SCALE PRIMARY CURRENT(Amps):	20
Burden (Ohms):	1000
MEASUREMENT CT TURNS RATIO:	1000
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	0.000855208	0.000855208	0.000770203	0.942832384	-4.88902E-05	1675.373423	1110.366643	-11.03666431
0.1A	0.100837705	0.100837705	0.095036939	0.935017628	0.093429824	-1.720131025	1061.036958	-6.103695829
0.2A	0.200442322	0.200442322	0.188169012	0.934553829	0.186468932	-0.911723079	1065.224927	-6.522492662
0.3A	0.299254581	0.299254581	0.280514387	0.935535756	0.279108153	-0.503831316	1066.806534	-6.680653424
0.4A	0.400821908	0.400821908	0.375534253	0.936156823	0.374376956	-0.309126112	1067.337812	-6.733781219
0.5A	0.500735889	0.500735889	0.469069408	0.938257641	0.468964066	-0.222462715	1067.509158	-6.750915847
0.6A	0.601290501	0.601290501	0.563415541	0.940258804	0.56451348	0.194492926	1067.223847	-6.722384678
0.7A	0.700803943	0.700803943	0.656983931	0.942805254	0.659866432	0.436830966	1066.698758	-6.669875766
0.8A	0.80076052	0.80076052	0.751223517	0.946476953	0.757046169	0.769127778	1065.941763	-6.594176284
0.9A	0.899757799	0.899757799	0.84492216	0.948954776	0.852974253	0.944001909	1064.900226	-6.490022584
1A	1.00204592	1.00204592	0.941988961	0.848092048	0.848971969	-10.95642679	1063.755481	-6.375548068
2A	1.99532803	1.99532803	1.78438362	0.382059617	0.761479054	-134.3312807	1118.216962	-11.82169617
3A	3.00156416	3.00156416	2.16882581	0.238490723	0.71499	-203.3365235	1383.958152	-38.3958152
4A	4.00402617	0.040040262	2.4079037	0.191642515	0.766486436	-214.1482466	1662.868067	-66.28680665
5A	5.00593209	0.050059321	2.59991147	0.14579557	0.728987514	-256.646914	1925.424057	-92.54240568
7A	7.005396	0.03502698	2.89142445	0.114804166	0.803393435	-259.9014286	2422.818276	-142.2818276
9A	9.01399106	0.045069955	3.12201953	0.095593782	0.860826284	-262.6770682	2887.230837	-188.7230837
11A	11.01459295	0.022029186	3.31326463	0.082304631	0.905696797	-265.8249254	3324.392761	-232.4392761
13A	13.0012497	0.026002499	3.47677568	0.071616693	0.930251297	-273.7458566	3739.456007	-273.9456007
15A	14.99267355	0.029985347	3.61939487	0.063323623	0.948535193	-281.5772885	4142.314969	-314.2314969
18A	18.0263637	0.036052727	3.81149912	0.05558797	1.000667866	-280.8955249	4729.468152	-372.9468152
21A	21.0144619	0.042028924	3.97751426	0.049694194	1.043441536	-281.1918657	5283.315288	-428.3315288
24A	24.0064231	0.048012846	4.12619736	0.17187889	4.125342152	-0.020730591	5818.050133	-481.8050133