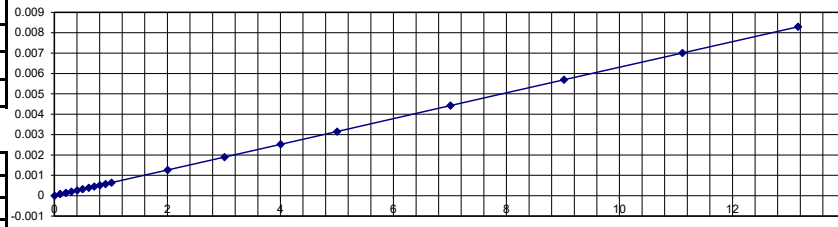


# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



**TEST SETUP**

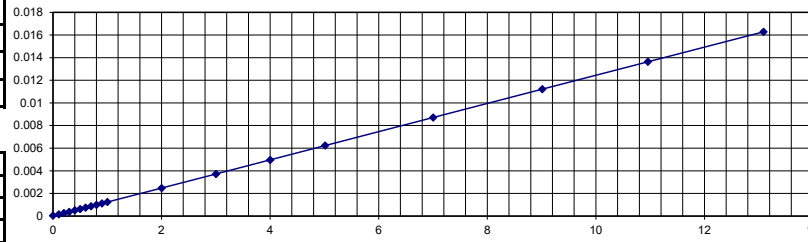
<b>FULL SCALE PRIMARY CURRENT(Amps):</b>	10
<b>Burden (Ohms):</b>	1
<b>MEASUREMENT CT TURNS RATIO:</b>	1600
<b>FREQUENCY(Hz):</b>	60

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	0.004887104	0.004887104	-2.86541E-07	0.000882504	-0.004882791	99.99413163	-17055.54414	1165.971509
0.1A	0.100611612	0.100611612	8.41907E-05	0.000580054	-0.004828744	101.7435325	1195.043929	25.30975447
0.2A	0.202190353	0.202190353	0.000143112	0.000589531	-0.004767907	103.0015668	1412.812942	11.6991911
0.3A	0.299397382	0.299397382	0.000200418	0.000626928	-0.004699404	104.2647642	1493.861133	6.633679215
0.4A	0.401613406	0.401613406	0.000264501	0.000607203	-0.004643244	105.6964622	1518.383661	5.101021203
0.5A	0.50042124	0.50042124	0.000324497	0.000620795	-0.004576446	107.0905903	1542.144417	3.615973931
0.6A	0.609564553	0.609564553	0.000392253	0.000630064	-0.00450304	108.7108396	1554.010345	2.874353467
0.7A	0.703845291	0.703845291	0.000451655	0.000625525	-0.004446832	110.1567921	1558.367768	2.602014479
0.8A	0.803912837	0.803912837	0.00051425	0.000617071	-0.004391033	111.7113716	1563.271881	2.295507415
0.9A	0.902851378	0.902851378	0.000575302	0.00063813	-0.004310968	113.3450844	1569.351246	1.915547146
1A	1.00938228	1.00938228	0.000643283	0.000624745	-0.004256498	115.1129594	1569.111128	1.930554496
2A	2.00291001	2.00291001	0.001263984	0.000628423	-0.003628429	134.8355683	1584.600938	0.962441384
3A	3.01062875	3.01062875	0.001897258	0.000628835	-0.002993914	163.370481	1586.831671	0.823020537
4A	4.00287544	0.040028754	0.002521218	0.000629653	-0.002366682	206.5296354	1587.675441	0.770284927
5A	5.00192188	0.050019219	0.00315027	0.000635312	-0.001709323	284.299338	1587.775492	0.764031755
7A	7.01022238	0.035051112	0.004426168	0.000630533	-0.000466928	1047.93367	1583.813016	1.011686479
9A	9.01767442	0.045088372	0.005691933	0.000626889	0.000765973	-643.0978629	1584.29044	0.981847491
11A	11.11389985	0.0222278	0.007006033	0.000628145	0.002094037	-234.5706202	1586.332888	0.854194486
13A	13.16019605	0.026320392	0.008291403	0.000630036	0.003404299	-143.5568426	1587.209718	0.799392643

# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



<b>TEST SETUP</b>	
<b>FULL SCALE PRIMARY CURRENT(Amps):</b>	10
<b>Burden (Ohms):</b>	2
<b>MEASUREMENT CT TURNS RATIO:</b>	1600
<b>FREQUENCY(Hz):</b>	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	0.000919938	0.000919938	4.73131E-05	0.000954941	-0.00091906	105.1479875	38.8872682	97.56954574
0.1A	0.10721102	0.10721102	0.000148815	0.001194605	-0.000791864	118.7929846	1440.864896	9.945944024
0.2A	0.201999994	0.201999994	0.00026205	0.001194138	-0.000678722	138.6093265	1541.689406	3.644412098
0.3A	0.299366291	0.299366291	0.000378319	0.001247555	-0.000546462	169.2305657	1582.61295	1.086690603
0.4A	0.401510654	0.401510654	0.00050575	0.001206631	-0.000435463	216.1406055	1587.783823	0.763511069
0.5A	0.499732816	0.499732816	0.000624268	0.001233177	-0.000303679	305.5680792	1601.021016	-0.063813494
0.6A	0.600688999	0.600688999	0.000748765	0.001231864	-0.000179971	516.046203	1604.480385	-0.280024049
0.7A	0.700396911	0.700396911	0.000871591	0.001226562	-6.0858E-05	1532.17112	1607.1686	-0.448037482
0.8A	0.800459677	0.800459677	0.000994324	0.001232379	6.65312E-05	-1394.523558	1610.057563	-0.628597659
0.9A	0.901077815	0.901077815	0.001118324	0.001238563	0.000196104	-470.272289	1611.479033	-0.717439576
1A	1.00012901	1.00012901	0.001241005	0.001236743	0.000316964	-291.5287288	1611.80477	-0.737798107
2A	2.0011422	2.0011422	0.002479001	0.001239841	0.001561159	-58.79232789	1614.47463	-0.904664379
3A	3.00004441	3.00004441	0.003717481	0.001250975	0.002833043	-31.21866633	1614.020124	-0.87625772
4A	3.99900034	0.039990003	0.00496715	0.00124686	0.004066256	-22.15535801	1610.179051	-0.636190688
5A	5.01180927	0.050118093	0.006229981	0.001246759	0.005328578	-16.91638785	1608.932413	-0.55827581
7A	7.00268428	0.035013421	0.008712122	0.001245938	0.007804973	-11.62270679	1607.572636	-0.473289758
9A	9.01179086	0.045058954	0.011215344	0.001242738	0.010279357	-9.105506116	1607.046685	-0.440417825
11A	10.956376	0.021912752	0.013631954	0.001243531	0.012704651	-7.298923003	1607.454943	-0.465933934
13A	13.08602605	0.026172052	0.016280239	0.001244093	0.015360301	-5.989065305	1607.596278	-0.474767361

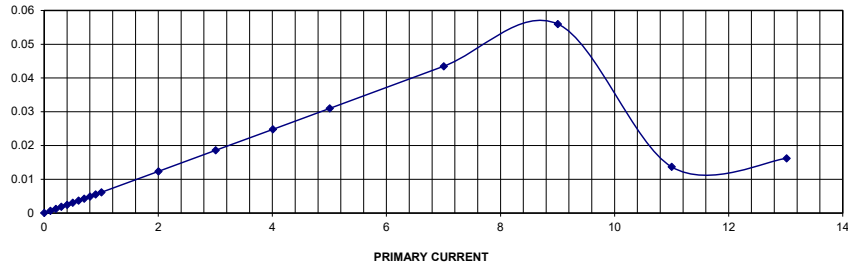
# CURRENT TRANSFORMER CHARACTERISTICS TEST

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb

## TEST SETUP

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

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

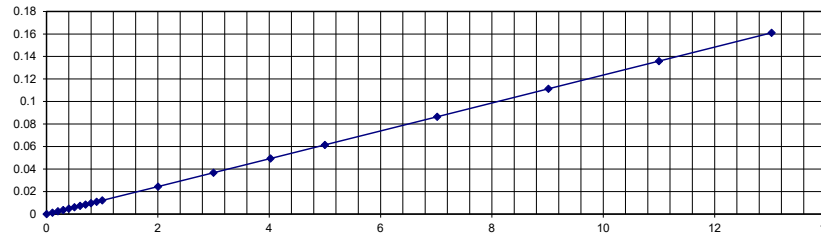


Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000915613	0.000915613	4.68547E-05	0.005806821	-0.000910296	105.147193	195.4153903	87.78653811
0.1A	0.106901537	0.106901537	0.000662296	0.006134964	-0.000259775	354.9494015	1614.105309	-0.881581786
0.2A	0.201921209	0.201921209	0.001245238	0.006146384	0.000325473	-282.5937874	1621.546831	-1.346676964
0.3A	0.299850945	0.299850945	0.001847152	0.006090289	0.000910566	-102.85745	1623.31499	-1.457186901
0.4A	0.401411076	0.401411076	0.002465683	0.006025054	0.001502911	-64.06044845	1627.99172	-1.749482519
0.5A	0.500682454	0.500682454	0.003063798	0.00613616	0.002156655	-42.06247794	1634.188859	-2.136803657
0.6A	0.601208269	0.601208269	0.003680641	0.006154518	0.002784534	-32.18153772	1633.433816	-2.089613502
0.7A	0.699940316	0.699940316	0.004288289	0.006163005	0.003398123	-26.19580655	1632.213617	-2.013351051
0.8A	0.801073947	0.801073947	0.004911576	0.006166346	0.004024086	-22.05442985	1630.991748	-1.936984263
0.9A	0.900213183	0.900213183	0.005522903	0.006229286	0.004692073	-17.70708618	1629.963915	-1.872744688
1A	1.00404153	1.00404153	0.006169679	0.006197914	0.005307351	-16.24780867	1627.380493	-1.711280797
2A	2.00268576	2.00268576	0.01235919	0.006217228	0.011535541	-7.140101142	1620.402061	-1.27512883
3A	3.00613139	3.00613139	0.018597841	0.006178527	0.017657851	-5.323554417	1616.387338	-1.024208631
4A	4.00802383	0.040080238	0.02478806	0.006230118	0.024054848	-3.048082602	1616.917128	-1.057320503
5A	5.00413851	0.050041385	0.030993972	0.006245421	0.030337338	-2.164438996	1614.552207	-0.90951296
7A	7.00351406	0.03501757	0.043480913	0.006251586	0.042867455	-1.431058478	1610.709975	-0.669373418
9A	9.00366832	0.045018342	0.055985049	-0.021184732	-0.191655911	129.2112299	1608.227291	-0.514205679
11A	11.0007016	0.022001403	0.013678434	0.001248173	0.012815169	-6.736277748	8042.368942	-402.6480589
13A	13.0168471	0.026033694	0.016194933	0.001244152	0.015279321	-5.992495118	8037.604638	-402.3502899

# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



<b>TEST SETUP</b>	
<b>FULL SCALE PRIMARY CURRENT(Amps):</b>	10
<b>Burden (Ohms):</b>	20
<b>MEASUREMENT CT TURNS RATIO:</b>	1600
<b>FREQUENCY(Hz):</b>	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	0.000917276	0.000917276	4.819E-05	0.011853619	-0.000906403	105.3166216	380.6913101	76.20679312
0.1A	0.107218609	0.107218609	0.001308246	0.012147288	0.000385139	-239.6812922	1639.120624	-2.445038985
0.2A	0.202455912	0.202455912	0.00246512	0.012105776	0.00153361	-60.73975988	1642.564041	-2.660252543
0.3A	0.299813468	0.299813468	0.003643709	0.01208766	0.002706767	-34.61480654	1645.649803	-2.853112686
0.4A	0.401227177	0.401227177	0.004869564	0.011819301	0.003824949	-27.31056765	1647.897861	-2.993616321
0.5A	0.500821827	0.500821827	0.006046703	0.012151449	0.005168435	-16.99292029	1656.512131	-3.53200818
0.6A	0.601291562	0.601291562	0.007267556	0.012164913	0.006397383	-13.60200761	1654.728461	-3.420528794
0.7A	0.69980647	0.69980647	0.008465981	0.01216414	0.007595267	-11.46389537	1653.220044	-3.32625276
0.8A	0.799503083	0.799503083	0.009678704	0.012215544	0.008849089	-9.375151745	1652.086981	-3.255436284
0.9A	0.90029866	0.90029866	0.010909977	0.012245505	0.010107335	-7.941184653	1650.413443	-3.150840195
1A	1.00198449	1.00198449	0.012155172	0.012280776	0.011387871	-6.737877805	1648.655441	-3.04096509
2A	2.00117764	2.00117764	0.024426039	0.01233747	0.023772193	-2.750466421	1638.560928	-2.410057991
3A	2.99955568	2.99955568	0.036743498	0.01234181	0.03610267	-1.775015427	1632.700129	-2.043758066
4A	4.02133711	0.040213371	0.04935413	0.012399786	0.048946443	-0.832924139	1629.584843	-1.849052703
5A	4.99985908	0.049998591	0.061487593	0.012386421	0.061013086	-0.777713902	1626.298522	-1.643657607
7A	7.01511565	0.014030231	0.08644941	0.012429359	0.086276115	-0.20086163	1622.941238	-1.433827392
9A	9.0152742	0.018030548	0.111310099	0.012395513	0.110831671	-0.431670488	1619.848384	-1.240524007
11A	11.0007872	0.022001574	0.135921551	0.01243045	0.135827457	-0.069274663	1618.696538	-1.168533605
13A	13.0219357	0.026043871	0.161045336	0.012367235	0.16012806	-0.572839164	1617.176383	-1.073523949

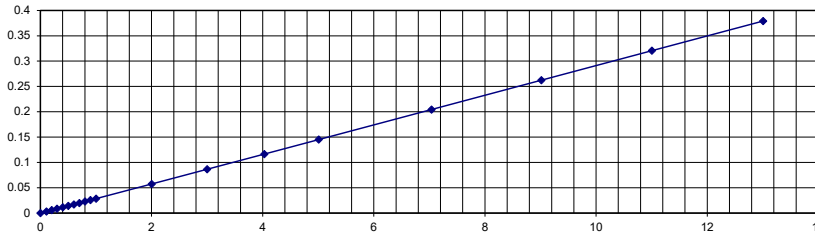
# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb

**TEST SETUP**

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

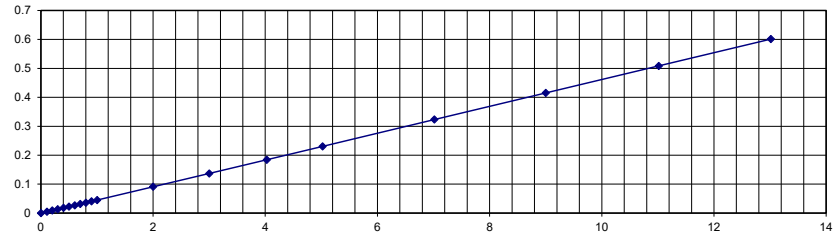


Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000916819	0.000916819	4.6745E-05	0.028150994	-0.00089101	105.2462939	921.8206848	42.3862072
0.1A	0.107181737	0.107181737	0.003038208	0.028407689	0.002127966	-42.77519107	1658.063396	-3.628962229
0.2A	0.202371422	0.202371422	0.005742327	0.028347506	0.004819906	-19.13773813	1656.376718	-3.523544888
0.3A	0.299342818	0.299342818	0.008491224	0.028372291	0.007576222	-12.07728275	1656.900348	-3.556271736
0.4A	0.401379289	0.401379289	0.011386233	0.027775564	0.010231717	-11.28369246	1656.810209	-3.550638082
0.5A	0.501191724	0.501191724	0.014158579	0.028645814	0.013440226	-5.344801532	1663.727014	-3.982938377
0.6A	0.601415721	0.601415721	0.017029577	0.028638786	0.016306997	-4.431106614	1659.849697	-3.740606061
0.7A	0.700574038	0.700574038	0.019869351	0.02863461	0.019143845	-3.789760077	1657.174382	-3.573398845
0.8A	0.801523993	0.801523993	0.022760014	0.028740908	0.022119709	-2.894727155	1655.167172	-3.447948236
0.9A	0.899626136	0.899626136	0.025579559	0.028893494	0.025076523	-2.006000847	1652.977255	-3.311078434
1A	0.999843874	0.999843874	0.028475199	0.028947472	0.028026134	-1.60230946	1650.30144	-3.143839998
2A	2.00051499	2.00051499	0.057442098	0.029095491	0.057289148	-0.266980547	1636.851841	-2.303240077
3A	3.00112143	3.00112143	0.086555234	0.029124012	0.086487878	-0.077879359	1629.626541	-1.85165879
4A	4.02807549	0.040280755	0.116464257	0.029213836	0.116758716	0.252194301	1625.559231	-1.597451928
5A	5.00748136	0.050074814	0.145076459	0.029240819	0.145506037	0.295230024	1622.259225	-1.391201553
7A	7.0373003	0.035186502	0.204430027	0.029291951	0.205219439	0.384667238	1617.928242	-1.120515096
9A	9.0156714	0.045078357	0.262380377	0.029285472	0.263111373	0.277827619	1614.970451	-0.935653193
11A	11.00497265	0.022009945	0.320638003	0.029230989	0.320769416	0.040967934	1613.139147	-0.821196667
13A	13.00554615	0.026011092	0.379116745	0.02915039	0.378199926	-0.242416501	1612.328332	-0.770520742

# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



## TEST SETUP

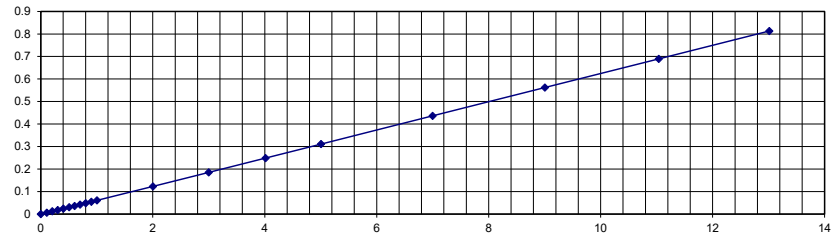
<b>FULL SCALE PRIMARY CURRENT(Amps):</b>	10
<b>Burden (Ohms):</b>	75
<b>MEASUREMENT CT TURNS RATIO:</b>	1600
<b>FREQUENCY(Hz):</b>	60

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	0.00091278	0.00091278	4.74018E-05	0.044324073	-0.000872322	105.4339761	1444.21846	9.736346255
0.1A	0.107283564	0.107283564	0.004762188	0.045513832	0.003970106	-19.95115957	1689.615581	-5.60097384
0.2A	0.202016672	0.202016672	0.009073855	0.043813728	0.007938323	-14.30442507	1669.769962	-4.360622614
0.3A	0.299593266	0.299593266	0.013349049	0.045747958	0.012793	-4.346511999	1683.228104	-5.201756531
0.4A	0.401714978	0.401714978	0.018020909	0.042881632	0.016313414	-10.46681732	1671.870336	-4.491895993
0.5A	0.500942054	0.500942054	0.022275928	0.045232724	0.021746193	-2.43598861	1686.603309	-5.412706828
0.6A	0.602184841	0.602184841	0.026855415	0.045318947	0.026377603	-1.811432129	1681.741388	-5.108836772
0.7A	0.700462835	0.700462835	0.03130927	0.04535668	0.030857888	-1.462776996	1677.928362	-4.870522615
0.8A	0.800678566	0.800678566	0.035854723	0.04555753	0.035564158	-0.817017835	1674.839108	-4.677444242
0.9A	0.900159743	0.900159743	0.04038684	0.045591982	0.040127287	-0.646824709	1671.633162	-4.477072636
1A	1.00117817	1.00117817	0.04499247	0.045899908	0.045041206	0.108203067	1668.909544	-4.306846489
2A	2.000352	2.000352	0.090854457	0.046070537	0.091244511	0.427481795	1651.282771	-3.205173182
3A	3.00116533	3.00116533	0.136962465	0.046171203	0.137654633	0.502829549	1643.423983	-2.713998937
4A	4.02804724	0.040280472	0.184374838	0.046317959	0.185658146	0.691221163	1638.529131	-2.408070658
5A	5.02067902	0.05020679	0.230351516	0.046517645	0.232637385	0.982588784	1634.679611	-2.167475669
7A	7.01483564	0.035074178	0.323114986	0.046327444	0.324066625	0.293655236	1628.252157	-1.765759829
9A	9.00010526	0.045000526	0.415087453	0.046414264	0.416820481	0.415773262	1626.182361	-1.636397586
11A	11.01366745	0.022027335	0.50854546	0.046258244	0.508560138	0.002886227	1624.289515	-1.518094709
13A	13.01378755	0.026027575	0.601067504	0.046186977	0.600154724	-0.152090806	1623.834361	-1.48964756

# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



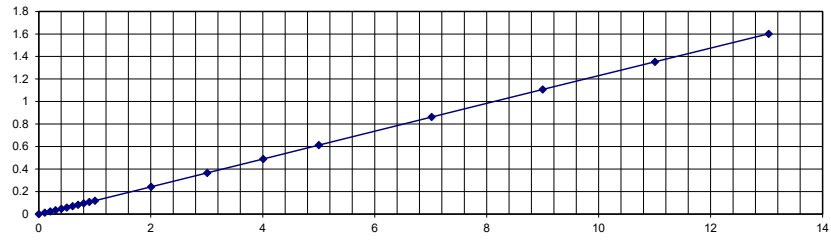
<b>TEST SETUP</b>	
<b>FULL SCALE PRIMARY CURRENT(Amps):</b>	10
<b>Burden (Ohms):</b>	100
<b>MEASUREMENT CT TURNS RATIO:</b>	1600
<b>FREQUENCY(Hz):</b>	60

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	0.000919065	0.000919065	4.73079E-05	0.059534083	-0.000864349	105.4732446	1942.728368	-21.42052302
0.1A	0.106857812	0.106857812	0.006354274	0.060121289	0.005505365	-15.41967728	1681.668286	-5.104267866
0.2A	0.202321762	0.202321762	0.01209369	0.060286136	0.011278132	-7.231315935	1672.95313	-4.559570604
0.3A	0.299963786	0.299963786	0.01798015	0.060956513	0.017365682	-3.538406551	1668.305238	-4.269077403
0.4A	0.402163098	0.402163098	0.024209864	0.058959248	0.022792169	-6.220096199	1661.153905	-3.822119086
0.5A	0.505252551	0.505252551	0.03028794	0.061259077	0.03003224	-0.851418647	1668.164109	-4.26025679
0.6A	0.603021815	0.603021815	0.036277195	0.061478489	0.036153805	-0.341291479	1662.261401	-3.891337591
0.7A	0.701282559	0.701282559	0.042318117	0.061465911	0.042185906	-0.313400766	1657.168613	-3.573038288
0.8A	0.800826679	0.800826679	0.048436687	0.061523873	0.048350894	-0.177439378	1653.347332	-3.334208271
0.9A	0.900528722	0.900528722	0.054570743	0.06185326	0.054781573	0.384854928	1650.204247	-3.137765448
1A	1.0015392	1.0015392	0.060818571	0.062102548	0.061279071	0.751480826	1646.765437	-2.922839821
2A	2.00074274	2.00074274	0.122871656	0.062369332	0.123865923	0.802696268	1628.319179	-1.769948677
3A	2.99993356	2.99993356	0.185194262	0.062743986	0.18731249	1.130852645	1619.917122	-1.244820155
4A	4.01411274	0.040141127	0.248824142	0.062581538	0.250290282	0.585775999	1613.232827	-0.827051681
5A	5.00576781	0.050057678	0.310883441	0.063005198	0.314470326	1.140611521	1610.175117	-0.635944815
7A	6.9977105	0.034988553	0.436386184	0.062696349	0.437811835	0.325630907	1603.559131	-0.222445688
9A	9.0045075	0.045022538	0.562205029	0.06254941	0.562307568	0.018235317	1601.641223	-0.102576413
11A	11.0364505	0.022072901	0.689301865	0.062742643	0.69153701	0.32321408	1601.105562	-0.06909763
13A	13.01239845	0.026024797	0.813278062	0.062500243	0.812358997	-0.113135297	1599.993785	0.000388413

# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



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

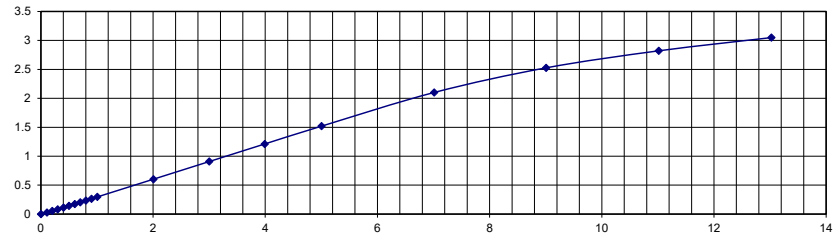
Input Current R	Primary Current	MEASURED CURRENT	Secondary Voltage	Slope	Normalized Output	% Linear Error Affected by Core and DCR	Equivalent Turns Ratio	% Absolute Error Affected by turns ratio
0A	0.000908151	0.000908151	4.8323E-05	0.113866196	-0.000804743	106.004772	3758.669785	-134.9168615
0.1A	0.107350447	0.107350447	0.012168502	0.116757225	0.01162579	-4.668180069	1764.398666	-10.27491662
0.2A	0.202461199	0.202461199	0.02327337	0.116648882	0.022708722	-2.486481304	1739.852887	-8.740805409
0.3A	0.299340179	0.299340179	0.034574195	0.120419751	0.035138319	1.605439817	1731.581502	-8.223843846
0.4A	0.402076651	0.402076651	0.046945695	0.116884113	0.046088222	-1.860503624	1712.943651	-7.058978198
0.5A	0.500155674	0.500155674	0.058409575	0.119680788	0.058950875	0.918222101	1712.581122	-7.036320121
0.6A	0.602604889	0.602604889	0.070670777	0.121194699	0.072124368	2.015393914	1705.386331	-6.586645706
0.7A	0.700621548	0.700621548	0.082549877	0.121492616	0.084212194	1.97396254	1697.450255	-6.090640942
0.8A	0.801453796	0.801453796	0.094800251	0.121524918	0.096488456	1.749645146	1690.826325	-5.676645338
0.9A	0.901896065	0.901896065	0.107006489	0.121376021	0.108560405	1.431383524	1685.684809	-5.355300579
1A	1.00149849	1.00149849	0.119095835	0.122718279	0.121994021	2.375678594	1681.836296	-5.114768497
2A	2.00560151	2.00560151	0.24231763	0.123448622	0.246680593	1.768668752	1655.349229	-3.459326814
3A	3.00696452	3.00696452	0.365934514	0.123504554	0.370465661	1.22309498	1643.444062	-2.715253856
4A	4.00843458	0.040084346	0.489620627	0.123956237	0.495962314	1.278663126	1637.363444	-2.33521524
5A	5.0017171	0.050017171	0.61274419	0.123788602	0.618247416	0.890133236	1632.562881	-2.035180048
7A	7.01713244	0.035085662	0.862229637	0.123536817	0.865966059	0.431474364	1627.671362	-1.729460153
9A	9.00043384	0.045002169	1.10724038	0.122489304	1.101548729	-0.51669537	1625.741619	-1.608851187
11A	11.00696185	0.022013924	1.3530186	0.122468281	1.347095546	-0.439690704	1627.022991	-1.688936963
13A	13.03513125	0.026070263	1.60140502	0.122853003	1.600496869	-0.056741799	1627.961832	-1.747614495



# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



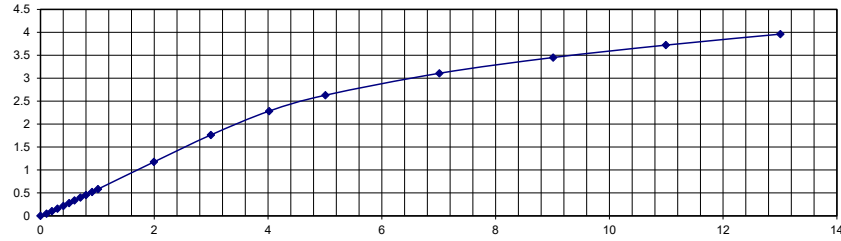
<b>TEST SETUP</b>	
<b>FULL SCALE PRIMARY CURRENT(Amps):</b>	10
<b>Burden (Ohms):</b>	500
<b>MEASUREMENT CT TURNS RATIO:</b>	1600
<b>FREQUENCY(Hz):</b>	60

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	0.000911445	0.000911445	4.81284E-05	0.260724426	-0.000673809	107.1427333	9468.893061	-491.8058163
0.1A	0.106852823	0.106852823	0.027669633	0.280688241	0.029080886	4.852853843	1930.868065	-20.67925406
0.2A	0.202045007	0.202045007	0.05438896	0.286192017	0.056912224	4.433605402	1857.408256	-16.08801597
0.3A	0.299276184	0.299276184	0.082215747	0.294023526	0.087082794	5.58898855	1820.06608	-13.75413001
0.4A	0.40171712	0.40171712	0.112335792	0.316339516	0.126167554	10.96301069	1788.019263	-11.75120393
0.5A	0.500932436	0.500932436	0.143721517	0.300672773	0.1497053	3.997041385	1742.718997	-8.919937333
0.6A	0.602171543	0.602171543	0.17416136	0.302344318	0.1811517	3.858832083	1728.774807	-8.04842543
0.7A	0.699218867	0.699218867	0.203503067	0.303899868	0.211581076	3.81792624	1717.956582	-7.372286403
0.8A	0.800906756	0.800906756	0.234406003	0.304077256	0.242626084	3.387962691	1708.375097	-6.773443533
0.9A	0.901831907	0.901831907	0.265095046	0.304429354	0.27363266	3.120100444	1700.959563	-6.309972664
1A	1.00442681	1.00442681	0.296327946	0.305905722	0.306348464	3.270954273	1694.789208	-5.924325519
2A	2.00715208	2.00715208	0.603067344	0.306479114	0.614238746	1.81873938	1664.119356	-4.007459737
3A	3.00162652	3.00162652	0.907852989	0.30681384	0.920029114	1.32344996	1653.145694	-3.321605906
4A	3.98975584	0.039897558	1.21102474	0.303897639	1.211565937	0.044669194	1647.264382	-2.954023879
5A	5.00213478	0.050021348	1.51868431	0.289824225	1.448828391	-4.821545447	1646.864575	-2.929035907
7A	7.01074324	0.035053716	2.1008277	0.213195495	1.493747428	-40.64142712	1668.566927	-4.285432951
9A	9.00624404	0.04503122	2.52625948	0.146413256	1.317722065	-91.71413656	1782.525531	-11.40784566
11A	11.01431475	0.02202863	2.82026765	0.113755766	1.252030369	-125.2555306	1952.707352	-22.04420951
13A	13.02342785	0.026046856	3.04881585	0.23410241	3.047904405	-0.029903977	2135.817394	-33.48858716

# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

<b>PRODUCT:</b>	CR8320-1600-A
<b>Lot #:</b>	1820
<b>TURNS/RATIO:</b>	1600
<b>DATE:</b>	July 16, 2020
<b>TESTER:</b>	lb



**TEST SETUP**

<b>FULL SCALE PRIMARY CURRENT(Amps):</b>	10
<b>Burden (Ohms):</b>	1000
<b>MEASUREMENT CT TURNS RATIO:</b>	1600
<b>FREQUENCY(Hz):</b>	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	0.000910362	0.000910362	4.66104E-05	0.469161511	-0.000483255	109.6450866	19531.31418	-1120.707136
0.1A	0.106851308	0.106851308	0.049750025	0.540096293	0.056799634	12.4113632	2147.763914	-34.23524464
0.2A	0.202210752	0.202210752	0.101253307	0.558574671	0.112039443	9.627087821	1997.078002	-24.8173751
0.3A	0.299485605	0.299485605	0.155588576	0.583469735	0.173830425	10.4940484	1924.856006	-20.30350038
0.4A	0.401312153	0.401312153	0.215001285	0.633695639	0.2533994	15.1531987	1866.556998	-16.65981235
0.5A	0.502962791	0.502962791	0.279416851	0.598599943	0.300163136	6.911669993	1800.04459	-12.50278688
0.6A	0.597755092	0.597755092	0.336159517	0.594591969	0.354510016	5.176299065	1778.188811	-11.13680072
0.7A	0.703217808	0.703217808	0.398866801	0.59485839	0.417404651	4.44121794	1763.039206	-10.18995035
0.8A	0.798776667	0.798776667	0.45571079	0.598671818	0.477294718	4.522138437	1752.814909	-9.550931826
0.9A	0.907108227	0.907108227	0.520565842	0.604073762	0.547049918	4.841253975	1742.542737	-8.90892105
1A	1.01187359	1.01187359	0.583851849	0.602187795	0.608427564	4.039217915	1733.099915	-8.318744701
2A	1.9937595	1.9937595	1.17513156	0.588158179	1.171735596	-0.289823439	1696.626631	-6.039164457
3A	2.9941918	2.9941918	1.763544	0.507019746	1.517204004	-16.23644513	1697.826536	-6.114158479
4A	4.0199985	0.040199989	2.28364843	0.350580951	1.40842466	-62.1420368	1760.340514	-10.0212821
5A	5.00850926	0.050085093	2.63020135	0.238584032	1.194039971	-120.2774961	1904.230359	-19.01439741
7A	7.0115172	0.035057586	3.10808706	0.17174446	1.203278872	-158.3014738	2255.894724	-40.99342024
9A	9.01225778	0.045061289	3.45170317	0.136360403	1.228004743	-181.0822343	2610.959673	-63.18497956
11A	10.99246445	0.021984929	3.72172495	0.118953887	1.306686008	-184.8216731	2953.593991	-84.59962446
13A	13.00786165	0.026015723	3.96146428	0.304543851	3.960553918	-0.022985717	3283.599379	-105.2249612