

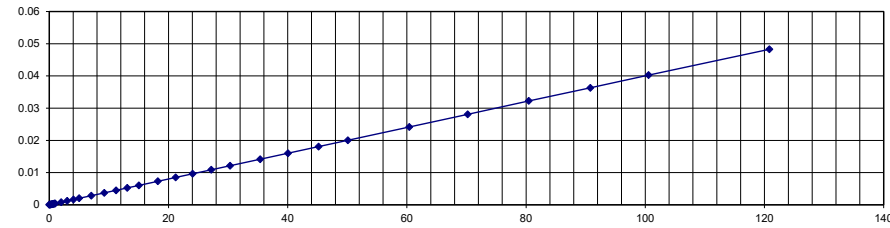
# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 1    |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.001583024     | 0.001583024      | 2.51841E-05       | 0.000263459 | -0.001582607      | 101.5913059                             | 62.85803122            | 97.48567875                              |
| 0.1A            | 0.10050519      | 0.10050519       | 5.1246E-05        | 0.000397107 | -0.001543112      | 103.3209513                             | 1961.229502            | 21.55081992                              |
| 0.2A            | 0.201236742     | 0.201236742      | 9.12472E-05       | 0.000368635 | -0.001508841      | 106.0475063                             | 2205.400628            | 11.78397489                              |
| 0.3A            | 0.302159356     | 0.302159356      | 0.000128451       | 0.00045889  | -0.001444366      | 108.893234                              | 2352.334752            | 5.906609931                              |
| 0.4A            | 0.398440391     | 0.398440391      | 0.000172633       | 0.000428    | -0.001412491      | 112.2219003                             | 2308.016429            | 7.679342849                              |
| 0.5A            | 0.498669365     | 0.498669365      | 0.000215531       | 0.000346705 | -0.001410132      | 115.2844728                             | 2313.674906            | 7.45300374                               |
| 0.6A            | 0.600063956     | 0.600063956      | 0.000250685       | 0.000421076 | -0.001330351      | 118.8435487                             | 2393.693666            | 4.25225336                               |
| 0.7A            | 0.70057836      | 0.70057836       | 0.00029301        | 0.00043554  | -0.001277894      | 122.9290964                             | 2390.974198            | 4.361032065                              |
| 0.8A            | 0.799625814     | 0.799625814      | 0.000336149       | 0.000360637 | -0.001294649      | 125.9644668                             | 2378.786169            | 4.848553247                              |
| 0.9A            | 0.905441279     | 0.905441279      | 0.00037431        | 0.000417368 | -0.001205121      | 131.05992                               | 2418.963033            | 3.24147866                               |
| 1A              | 0.999697369     | 0.999697369      | 0.000413649       | 0.000403109 | -0.001180037      | 135.0539232                             | 2416.775818            | 3.328967299                              |
| 2A              | 2.00814771      | 2.00814771       | 0.000820165       | 0.000395773 | -0.000788252      | 204.0485007                             | 2448.469211            | 2.061231552                              |
| 3A              | 3.00170728      | 3.00170728       | 0.001213389       | 0.000403737 | -0.000371123      | 426.9504039                             | 2473.820871            | 1.047165167                              |
| 4A              | 4.06842715      | 0.040684272      | 0.001644063       | 0.000405971 | 6.86378E-05       | -2295.275762                            | 2474.616871            | 1.015325169                              |
| 5A              | 5.02408277      | 0.050240828      | 0.002032031       | 0.000394327 | 0.000398107       | -410.4238181                            | 2472.443387            | 1.102264523                              |
| 7A              | 7.06390288      | 0.035319514      | 0.002836387       | 0.000400896 | 0.001248865       | -127.1172531                            | 2490.457881            | 0.38168477                               |
| 9A              | 9.22815276      | 0.046140764      | 0.003704026       | 0.000401708 | 0.002123995       | -74.38961056                            | 2491.38462             | 0.344615208                              |
| 11A             | 11.208944       | 0.022417888      | 0.004499724       | 0.000399492 | 0.002894858       | -55.43852907                            | 2491.028973            | 0.358841083                              |
| 13A             | 13.0745069      | 0.026149014      | 0.005245002       | 0.000397069 | 0.003608457       | -45.35302971                            | 2492.755555            | 0.289777795                              |
| 15A             | 15.04476045     | 0.030089521      | 0.006027328       | 0.000400158 | 0.004437257       | -35.83454062                            | 2496.091158            | 0.156353691                              |
| 18A             | 18.2296783      | 0.036459357      | 0.007301798       | 0.000401284 | 0.005732255       | -27.38090561                            | 2496.601132            | 0.135954725                              |
| 21A             | 21.1950004      | 0.042390001      | 0.008491735       | 0.000398253 | 0.006857943       | -23.82335908                            | 2495.956445            | 0.161742214                              |
| 24A             | 24.0605254      | 0.048121051      | 0.009632938       | 0.000396293 | 0.007952005       | -21.13847605                            | 2497.734902            | 0.090603926                              |
| 27A             | 27.177352       | 0.027177352      | 0.010868116       | 0.000400672 | 0.00930619        | -16.78373105                            | 2500.649791            | -0.025991625                             |
| 30A             | 30.3392419      | 0.030339242      | 0.012134998       | 0.000399349 | 0.010532921       | -15.21018419                            | 2500.143976            | -0.005759045                             |
| 35A             | 35.3849602      | 0.03538496       | 0.01415           | 0.000399945 | 0.01256901        | -12.57847998                            | 2500.703848            | -0.028153922                             |
| 40A             | 40.0439432      | 0.040043943      | 0.016013337       | 0.000400595 | 0.014458371       | -10.75477999                            | 2500.662039            | -0.026481551                             |
| 45A             | 45.19861        | 0.04519861       | 0.018078269       | 0.000399146 | 0.016457819       | -9.846078866                            | 2500.162446            | -0.006497857                             |
| 50A             | 50.1176625      | 0.050117663      | 0.020041689       | 0.000400262 | 0.01847717        | -8.467309913                            | 2500.670565            | -0.026822589                             |
| 60A             | 60.398235       | 0.030199118      | 0.024156611       | 0.00040035  | 0.022597433       | -6.89980448                             | 2500.277626            | -0.011105034                             |
| 70A             | 70.2044804      | 0.03510224       | 0.028082546       | 0.000405921 | 0.02691447        | -4.339954171                            | 2499.932935            | 0.002682592                              |
| 80A             | 80.4626446      | 0.040231322      | 0.032246553       | 0.000394795 | 0.030183235       | -6.83597146                             | 2495.232439            | 0.190702431                              |
| 90A             | 90.7898554      | 0.045394928      | 0.036323685       | 0.00040278  | 0.034985318       | -3.825512238                            | 2499.467081            | 0.02131678                               |
| 100A            | 100.5582124     | 0.050279106      | 0.040258184       | 0.000395463 | 0.038184023       | -5.432015151                            | 2497.832774            | 0.086689056                              |
| 120A            | 120.826191      | 0.040275397      | 0.048273419       | 0.000399528 | 0.046690395       | -3.39046988                             | 2502.954918            | -0.118196725                             |

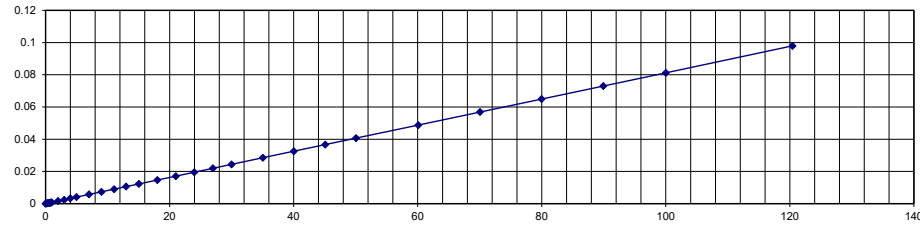
# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 2    |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.001654121     | 0.001654121      | 2.31707E-05       | 0.000724324 | -0.001652923      | 101.4018017                             | 142.776953             | 94.28892188                              |
| 0.1A            | 0.100176394     | 0.100176394      | 9.45328E-05       | 0.000740398 | -0.00157995       | 105.9832763                             | 2119.399889            | 15.22400445                              |
| 0.2A            | 0.200283291     | 0.200283291      | 0.000168652       | 0.000815191 | -0.001490852      | 111.3124439                             | 2375.110609            | 4.995575647                              |
| 0.3A            | 0.29843353      | 0.29843353       | 0.000248663       | 0.000792701 | -0.001417552      | 117.5417123                             | 2400.305911            | 3.987763547                              |
| 0.4A            | 0.40317429      | 0.40317429       | 0.000331691       | 0.00082971  | -0.001319603      | 125.1356696                             | 2431.023092            | 2.75907633                               |
| 0.5A            | 0.501713127     | 0.501713127      | 0.00041345        | 0.000807156 | -0.00124916       | 133.0982131                             | 2426.96086             | 2.921565604                              |
| 0.6A            | 0.60183303      | 0.60183303       | 0.000494262       | 0.000803973 | -0.001170263      | 142.2351227                             | 2435.279189            | 2.588832434                              |
| 0.7A            | 0.701799523     | 0.701799523      | 0.000574632       | 0.000711328 | -0.001154911      | 149.75556                               | 2442.603267            | 2.295869317                              |
| 0.8A            | 0.800302818     | 0.800302818      | 0.000644701       | 0.000807747 | -0.000949257      | 167.9163538                             | 2482.711593            | 0.691536296                              |
| 0.9A            | 0.901441021     | 0.901441021      | 0.000733778       | 0.000775779 | -0.000954802      | 176.8513044                             | 2456.986633            | 1.720534694                              |
| 1A              | 1.00056503      | 1.00056503       | 0.000810676       | 0.000794828 | -0.000858844      | 194.3915377                             | 2468.470768            | 1.261169288                              |
| 2A              | 2.0014757       | 2.0014757        | 0.001605172       | 0.00079941  | -5.51836E-05      | 3008.785947                             | 2492.128843            | 0.314846283                              |
| 3A              | 2.99812931      | 2.99812931       | 0.002402968       | 0.000875163 | 0.000969732       | -147.7971468                            | 2495.355107            | 0.185795728                              |
| 4A              | 4.00597631      | 0.040059763      | 0.003284999       | 0.000805747 | 0.001573681       | -108.7461485                            | 2438.951505            | 2.44193981                               |
| 5A              | 4.99094901      | 0.04990949       | 0.004078637       | 0.00081765  | 0.002426727       | -68.0715017                             | 2447.361123            | 2.105555082                              |
| 7A              | 7.00772602      | 0.03503863       | 0.005727654       | 0.000812795 | 0.004041725       | -41.71312689                            | 2446.979376            | 2.12082498                               |
| 9A              | 9.02046636      | 0.045102332      | 0.0073636         | 0.000807791 | 0.005632526       | -30.73351519                            | 2450.015368            | 1.999385295                              |
| 11A             | 11.06140785     | 0.022122816      | 0.009012253       | 0.000812862 | 0.00733728        | -22.82825889                            | 2454.748629            | 1.810054822                              |
| 13A             | 12.9956685      | 0.025991337      | 0.01058454        | 0.00080773  | 0.008842865       | -19.69582535                            | 2455.594293            | 1.776228281                              |
| 15A             | 15.0426646      | 0.030085329      | 0.01223796        | 0.000814272 | 0.010594707       | -15.51012641                            | 2458.361519            | 1.665539232                              |
| 18A             | 18.0351335      | 0.036070267      | 0.014674645       | 0.000808938 | 0.012935182       | -13.44753502                            | 2457.999324            | 1.680027035                              |
| 21A             | 21.00447255     | 0.042008945      | 0.017076656       | 0.000816529 | 0.015496634       | -10.19590068                            | 2460.021803            | 1.599127876                              |
| 24A             | 23.99307095     | 0.047986142      | 0.019516932       | 0.000818062 | 0.017973693       | -8.586097865                            | 2458.692888            | 1.652284488                              |
| 27A             | 26.996043       | 0.026996043      | 0.021973549       | 0.000812067 | 0.020268464       | -8.412501293                            | 2457.140036            | 1.714398556                              |
| 30A             | 29.9822225      | 0.029982223      | 0.024398525       | 0.000814593 | 0.022769197       | -7.155844883                            | 2457.707772            | 1.691689135                              |
| 35A             | 35.037584       | 0.035037584      | 0.028516589       | 0.000813125 | 0.026835831       | -6.263111583                            | 2457.347493            | 1.706100275                              |
| 40A             | 40.0267954      | 0.040026795      | 0.032573444       | 0.000807604 | 0.030671661       | -6.200455012                            | 2457.633641            | 1.694654353                              |
| 45A             | 45.0890196      | 0.04508902       | 0.036661714       | 0.000812007 | 0.034958485       | -4.8721462                              | 2459.733325            | 1.610666984                              |
| 50A             | 50.0652672      | 0.050065267      | 0.040702462       | 0.000806237 | 0.038710352       | -5.146196322                            | 2460.060854            | 1.597565851                              |
| 60A             | 60.0906318      | 0.030045316      | 0.048785283       | 0.000811662 | 0.047119184       | -3.535923481                            | 2463.473761            | 1.461049567                              |
| 70A             | 70.0523302      | 0.035026165      | 0.056870818       | 0.000811366 | 0.055183968       | -3.056775333                            | 2463.559772            | 1.457609128                              |
| 80A             | 79.9648966      | 0.039982448      | 0.064913539       | 0.000813181 | 0.063371782       | -2.432876531                            | 2463.735535            | 1.450578618                              |
| 90A             | 89.9394186      | 0.044969709      | 0.073024627       | 0.000814265 | 0.071580417       | -2.017605421                            | 2463.262663            | 1.469493463                              |
| 100A            | 100.0155484     | 0.050007774      | 0.081229269       | 0.000820141 | 0.080372747       | -1.06586483                             | 2462.549522            | 1.498019125                              |
| 120A            | 120.4225404     | 0.030105635      | 0.097965883       | 0.000813518 | 0.096311762       | -1.717464923                            | 2458.45874             | 1.661650397                              |

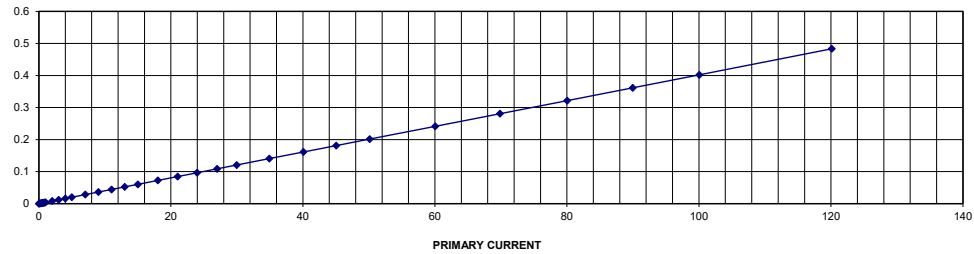
**CURRENT TRANSFORMER CHARACTERISTICS TEST**

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 10   |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.00162723      | 0.00162723       | 2.80298E-05       | 0.003880741 | -0.001620915      | 101.7292599                             | 580.5349738            | 76.77860105                              |
| 0.1A            | 0.101506993     | 0.101506993      | 0.000415637       | 0.00407282  | -0.00121381       | 134.2423734                             | 2442.20093             | 2.311962804                              |
| 0.2A            | 0.200171722     | 0.200171722      | 0.000817481       | 0.003937843 | -0.000838985      | 197.4369125                             | 2448.64066             | 2.054373613                              |
| 0.3A            | 0.30022219      | 0.30022219       | 0.001211464       | 0.004075281 | -0.000403746      | 400.0561253                             | 2478.176714            | 0.872931421                              |
| 0.4A            | 0.400996162     | 0.400996162      | 0.001622144       | 0.004035384 | -9.05604E-06      | 18012.2945                              | 2472.012921            | 1.119483157                              |
| 0.5A            | 0.500025896     | 0.500025896      | 0.002021767       | 0.003929324 | 0.000337534       | -498.9814402                            | 2473.211883            | 1.07152469                               |
| 0.6A            | 0.600664062     | 0.600664062      | 0.002417207       | 0.004054656 | 0.000808256       | -199.0643919                            | 2484.950544            | 0.601978239                              |
| 0.7A            | 0.699742336     | 0.699742336      | 0.002818936       | 0.004026169 | 0.001190051       | -136.8752011                            | 2482.292708            | 0.708291661                              |
| 0.8A            | 0.800092596     | 0.800092596      | 0.003222963       | 0.00395308  | 0.001535601       | -109.882889                             | 2482.475506            | 0.700979754                              |
| 0.9A            | 0.90081988      | 0.90081988       | 0.003621146       | 0.004018601 | 0.001992806       | -81.71086745                            | 2487.665361            | 0.493385556                              |
| 1A              | 1.00086765      | 1.00086765       | 0.004023198       | 0.004008913 | 0.002385161       | -68.67613949                            | 2487.741567            | 0.490337308                              |
| 2A              | 2.00114016      | 2.00114016       | 0.008033203       | 0.004008702 | 0.006394745       | -25.62194142                            | 2491.086301            | 0.356547949                              |
| 3A              | 3.00092689      | 3.00092689       | 0.01204105        | 0.004083454 | 0.010626918       | -13.30708008                            | 2492.246847            | 0.31012611                               |
| 4A              | 3.99991517      | 0.39999152       | 0.016120373       | 0.004006289 | 0.014397587       | -11.9657919                             | 2481.279571            | 0.748817174                              |
| 5A              | 4.99627321      | 0.049962732      | 0.020112071       | 0.004021253 | 0.018464051       | -8.925562306                            | 2484.216138            | 0.631354464                              |
| 7A              | 7.02011548      | 0.035100577      | 0.028250454       | 0.004017702 | 0.026577504       | -6.294607323                            | 2484.956704            | 0.601731854                              |
| 9A              | 9.00990318      | 0.045049516      | 0.036244829       | 0.004012797 | 0.034527679       | -4.973256089                            | 2485.845168            | 0.566193271                              |
| 11A             | 11.02051865     | 0.022041037      | 0.044313019       | 0.004040257 | 0.042898498       | -3.297366935                            | 2486.970833            | 0.521166699                              |
| 13A             | 12.99347535     | 0.025986951      | 0.052284272       | 0.004016303 | 0.050558506       | -3.413401954                            | 2485.15949             | 0.593620397                              |
| 15A             | 14.98427935     | 0.029968559      | 0.060279944       | 0.004019453 | 0.058601376       | -2.86438389                             | 2485.7819              | 0.568723986                              |
| 18A             | 18.0157026      | 0.036031405      | 0.072464607       | 0.004018446 | 0.070767894       | -2.397574494                            | 2486.138181            | 0.554472752                              |
| 21A             | 21.0301146      | 0.042060229      | 0.084577858       | 0.00403377  | 0.083203424       | -1.651896163                            | 2486.479925            | 0.540803008                              |
| 24A             | 23.9653282      | 0.047930656      | 0.096417836       | 0.004044817 | 0.095308143       | -1.164320513                            | 2485.570022            | 0.577199121                              |
| 27A             | 26.9873805      | 0.026987381      | 0.108641485       | 0.004039397 | 0.107385507       | -1.169597504                            | 2484.076916            | 0.636923363                              |
| 30A             | 29.960597       | 0.029960597      | 0.120651486       | 0.004043017 | 0.119503978       | -0.960225497                            | 2483.234811            | 0.670607571                              |
| 35A             | 34.917432       | 0.034917432      | 0.140692055       | 0.003983582 | 0.137469212       | -2.344410674                            | 2481.83396             | 0.7266416                                |
| 40A             | 40.0900871      | 0.040090087      | 0.161297749       | 0.004007983 | 0.159053158       | -1.411220774                            | 2485.47096             | 0.581161613                              |
| 45A             | 45.0537112      | 0.045053711      | 0.18119187        | 0.004032939 | 0.180071641       | -0.622102021                            | 2486.519467            | 0.539221324                              |
| 50A             | 50.1160885      | 0.050116089      | 0.201608129       | 0.003992333 | 0.198452895       | -1.589915749                            | 2485.816854            | 0.567325834                              |
| 60A             | 60.039808       | 0.030019904      | 0.241226924       | 0.004016703 | 0.239534858       | -0.706396518                            | 2488.934776            | 0.442608968                              |
| 70A             | 69.851472       | 0.034925736      | 0.280637466       | 0.004011272 | 0.278565999       | -0.743618018                            | 2489.028746            | 0.438850171                              |
| 80A             | 80.0264234      | 0.040013212      | 0.32145196        | 0.00403229  | 0.32106248        | -0.121309854                            | 2489.529801            | 0.418807961                              |
| 90A             | 89.9797672      | 0.044989884      | 0.361586724       | 0.004018348 | 0.359942799       | -0.456718283                            | 2488.469881            | 0.461204765                              |
| 100A            | 100.0640438     | 0.050032022      | 0.402108858       | 0.004049576 | 0.403589763       | 0.366933214                             | 2488.48146             | 0.460741603                              |
| 120A            | 120.1165756     | 0.030029144      | 0.483313118       | 0.0040237   | 0.481685888       | -0.33781967                             | 2485.274476            | 0.589020967                              |

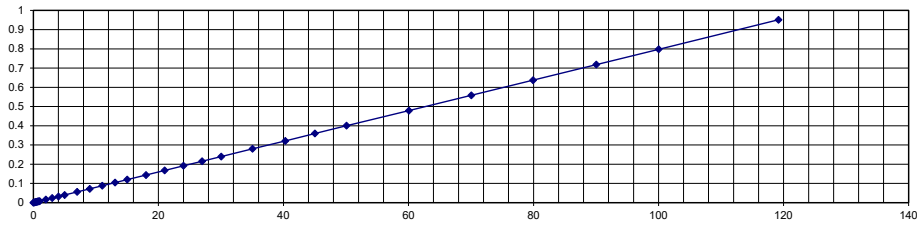
**CURRENT TRANSFORMER CHARACTERISTICS TEST**

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 20   |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.001579387     | 0.001579387      | 2.8988E-05        | 0.007894413 | -0.001566918      | 101.8500005                             | 1089.683204            | 56.41267183                              |
| 0.1A            | 0.100444869     | 0.100444869      | 0.000809473       | 0.007992906 | -0.00077654       | 204.2409412                             | 2481.734974            | 0.730601048                              |
| 0.2A            | 0.199688364     | 0.199688364      | 0.001602717       | 0.00797691  | 1.35093E-05       | -11763.8347                             | 2491.873178            | 0.325072879                              |
| 0.3A            | 0.300427752     | 0.300427752      | 0.002406306       | 0.007999482 | 0.00082388        | -192.0701106                            | 2497.003826            | 0.11984694                               |
| 0.4A            | 0.401709735     | 0.401709735      | 0.003216509       | 0.007958721 | 0.001617709       | -98.83113878                            | 2497.79933             | 0.088026794                              |
| 0.5A            | 0.499237701     | 0.499237701      | 0.003992707       | 0.007984834 | 0.002406943       | -65.88287908                            | 2500.747894            | -0.029915743                             |
| 0.6A            | 0.602034139     | 0.602034139      | 0.00481352        | 0.007912196 | 0.003184025       | -51.17718219                            | 2501.430056            | -0.057202259                             |
| 0.7A            | 0.700555095     | 0.700555095      | 0.005593037       | 0.007958698 | 0.00399612        | -39.96169763                            | 2505.097405            | -0.20389621                              |
| 0.8A            | 0.801156982     | 0.801156982      | 0.006393697       | 0.008010636 | 0.00483839        | -32.14512983                            | 2506.083752            | -0.243350076                             |
| 0.9A            | 0.899269876     | 0.899269876      | 0.007179643       | 0.007918339 | 0.005541337       | -29.56517499                            | 2505.054415            | -0.202176586                             |
| 1A              | 1.00063425      | 1.00063425       | 0.007982281       | 0.007969086 | 0.006394754       | -24.82546475                            | 2507.138633            | -0.285545323                             |
| 2A              | 2.00249725      | 2.00249725       | 0.015966213       | 0.007963076 | 0.014366651       | -11.13385875                            | 2508.418496            | -0.336739831                             |
| 3A              | 3.00302593      | 3.00302593       | 0.023933499       | 0.008040371 | 0.022566055       | -6.059738786                            | 2509.475029            | -0.379001162                             |
| 4A              | 4.00816016      | 0.040081602      | 0.032015151       | 0.007952462 | 0.030295353       | -5.676772388                            | 2503.914567            | -0.156582675                             |
| 5A              | 5.00600966      | 0.050060097      | 0.039950511       | 0.007987435 | 0.038405788       | -4.022108497                            | 2506.105453            | -0.244218103                             |
| 7A              | 7.00619314      | 0.035030966      | 0.055926846       | 0.007971039 | 0.054267249       | -3.058191978                            | 2505.484813            | -0.219392527                             |
| 9A              | 9.01096582      | 0.045054829      | 0.071906966       | 0.007972343 | 0.070259128       | -2.345372517                            | 2506.284522            | -0.251380874                             |
| 11A             | 11.0140688      | 0.022028138      | 0.087876391       | 0.00801182  | 0.086663347       | -1.399719662                            | 2506.718505            | -0.268740212                             |
| 13A             | 13.0643981      | 0.026128796      | 0.10430326        | 0.007972237 | 0.102573086       | -1.686771707                            | 2505.079534            | -0.203181377                             |
| 15A             | 15.00371535     | 0.030007431      | 0.119763956       | 0.00797418  | 0.118062933       | -1.440776464                            | 2505.547721            | -0.221908835                             |
| 18A             | 18.02605375     | 0.036052108      | 0.143864625       | 0.007966302 | 0.142021594       | -1.297711913                            | 2505.974453            | -0.238978137                             |
| 21A             | 20.99272175     | 0.041985444      | 0.167497997       | 0.007997273 | 0.166305149       | -0.71726434                             | 2506.623617            | -0.264944661                             |
| 24A             | 24.0038495      | 0.048007699      | 0.191578809       | 0.007997901 | 0.190401034       | -0.618576135                            | 2505.898186            | -0.235927451                             |
| 27A             | 27.0022582      | 0.027002258      | 0.215559786       | 0.00794363  | 0.212916554       | -1.2414402                              | 2505.314994            | -0.212599766                             |
| 30A             | 30.046849       | 0.030046849      | 0.239744888       | 0.008032099 | 0.239759881       | 0.006253147                             | 2506.568482            | -0.262739283                             |
| 35A             | 35.0491404      | 0.03504914       | 0.279923788       | 0.00786518  | 0.274088403       | -2.12901575                             | 2504.191634            | -0.16766535                              |
| 40A             | 40.3027223      | 0.040302722      | 0.321244154       | 0.008115976 | 0.325516527       | 1.31249028                              | 2509.164559            | -0.36658236                              |
| 45A             | 45.0474986      | 0.045047499      | 0.359752643       | 0.00802467  | 0.359911913       | 0.044252494                             | 2504.359564            | -0.174382541                             |
| 50A             | 50.0918607      | 0.050091861      | 0.400231983       | 0.007881036 | 0.393196392       | -1.789332611                            | 2503.141319            | -0.12565277                              |
| 60A             | 60.0664512      | 0.030033226      | 0.478842094       | 0.007973361 | 0.477352106       | -0.312136018                            | 2508.820839            | -0.352833559                             |
| 70A             | 70.0465976      | 0.035023299      | 0.558417403       | 0.00797468  | 0.557019814       | -0.250904704                            | 2508.754105            | -0.350164194                             |
| 80A             | 79.9280662      | 0.039964033      | 0.637218953       | 0.007976368 | 0.635956304       | -0.198543314                            | 2508.653135            | -0.346125392                             |
| 90A             | 90.0397588      | 0.045019879      | 0.717873537       | 0.007971525 | 0.716174842       | -0.237190044                            | 2508.513106            | -0.340524239                             |
| 100A            | 100.0282134     | 0.050014107      | 0.797496757       | 0.008032965 | 0.801943778       | 0.554530294                             | 2508.554738            | -0.342189504                             |
| 120A            | 119.198876      | 0.029799719      | 0.951494024       | 0.007982408 | 0.949914637       | -0.166266178                            | 2505.509714            | -0.220388562                             |

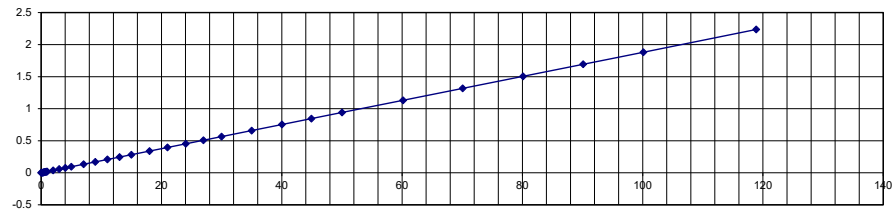
**CURRENT TRANSFORMER CHARACTERISTICS TEST**

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 47   |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.001578304     | 0.001578304      | 2.32683E-05       | 0.000142364  | -0.001578079      | 101.474467                              | 3188.046427            | -27.52185708                             |
| 0.1A            | 0.10035168      | 0.10035168       | 3.733E-05         | 1.38607E-05  | -0.001576913      | 102.367285                              | 126346.7803            | -4953.871212                             |
| 0.2A            | 0.199842762     | 0.199842762      | 3.8709E-05        | -4.07982E-05 | -0.001586457      | 102.4399678                             | 242646.3656            | -9605.854625                             |
| 0.3A            | 0.299749503     | 0.299749503      | 3.4633E-05        | 0.075027056  | 0.020911018       | 99.83437904                             | 406785.8551            | -16171.4342                              |
| 0.4A            | 0.399781287     | 0.399781287      | 0.007539723       | 0.01876206   | 0.005922416       | -27.30822694                            | 2492.09684             | 0.316126383                              |
| 0.5A            | 0.500120251     | 0.500120251      | 0.009422289       | 0.018763904  | 0.007805904       | -20.70720615                            | 2494.685954            | 0.212561846                              |
| 0.6A            | 0.600734739     | 0.600734739      | 0.01131021        | 0.018763719  | 0.009705729       | -16.53127628                            | 2496.375751            | 0.144969965                              |
| 0.7A            | 0.699796046     | 0.699796046      | 0.013170949       | 0.018777129  | 0.011561857       | -13.91724993                            | 2497.193893            | 0.112244265                              |
| 0.8A            | 0.799515969     | 0.799515969      | 0.015043403       | 0.018779071  | 0.013435863       | -11.96454494                            | 2497.922182            | 0.083112728                              |
| 0.9A            | 0.901966919     | 0.901966919      | 0.016967337       | 0.018769872  | 0.015351499       | -10.52560234                            | 2498.473711            | 0.061051554                              |
| 1A              | 0.999702084     | 0.999702084      | 0.018801813       | 0.018796858  | 0.017212954       | -9.230600279                            | 2499.014161            | 0.039433541                              |
| 2A              | 2.0018794       | 2.0018794        | 0.037639599       | 0.018776371  | 0.036009727       | -4.52619905                             | 2499.718669            | 0.011333224                              |
| 3A              | 2.99955746      | 2.99955746       | 0.056372372       | 0.018844442  | 0.054946682       | -2.59467939                             | 2500.856277            | -0.034251083                             |
| 4A              | 4.00992449      | 0.040099245      | 0.075412175       | 0.018776049  | 0.073712234       | -2.306185241                            | 2499.151517            | 0.033939332                              |
| 5A              | 5.00240204      | 0.05002402       | 0.094046982       | 0.018817103  | 0.092552412       | -1.614836285                            | 2499.951528            | 0.001938869                              |
| 7A              | 7.04814976      | 0.035240749      | 0.132542028       | 0.018841881  | 0.131222093       | -1.005878374                            | 2499.305645            | 0.027774218                              |
| 9A              | 9.00701164      | 0.045035058      | 0.16945067        | 0.018731849  | 0.167139677       | -1.3826716                              | 2498.246523            | 0.070139096                              |
| 11A             | 11.00616635     | 0.022012333      | 0.206898534       | 0.018737577  | 0.204650591       | -1.098429989                            | 2500.210168            | -0.00840672                              |
| 13A             | 13.03924715     | 0.026078494      | 0.244993543       | 0.018877619  | 0.244571636       | -0.172508525                            | 2501.472523            | -0.058900907                             |
| 15A             | 14.9890655      | 0.029978131      | 0.281801471       | 0.018756252  | 0.279560393       | -0.801643594                            | 2499.937548            | 0.002498071                              |
| 18A             | 18.01266955     | 0.036025339      | 0.338512952       | 0.018829896  | 0.337598389       | -0.27902701                             | 2500.924895            | -0.03699579                              |
| 21A             | 21.00179255     | 0.042003585      | 0.394797827       | 0.018748667  | 0.392177301       | -0.668199347                            | 2500.22716             | -0.009086408                             |
| 24A             | 24.0430498      | 0.0480861        | 0.451817345       | 0.018916726  | 0.453237485       | 0.313332327                             | 2501.062328            | -0.04249311                              |
| 27A             | 26.9701665      | 0.026970167      | 0.50718881        | 0.018857892  | 0.507022195       | -0.032861573                            | 2499.262209            | 0.029511653                              |
| 30A             | 30.0026383      | 0.030002638      | 0.564374837       | 0.018861619  | 0.564320031       | -0.009711837                            | 2498.559304            | 0.057627828                              |
| 35A             | 34.9885854      | 0.034988585      | 0.658417872       | 0.018730817  | 0.653786501       | -0.708391911                            | 2497.598537            | 0.096058523                              |
| 40A             | 40.0234765      | 0.040023477      | 0.752725498       | 0.018881481  | 0.754124189       | 0.185472218                             | 2499.056297            | 0.03774813                               |
| 45A             | 44.9356423      | 0.044935642      | 0.845474461       | 0.018813711  | 0.843827901       | -0.195129852                            | 2497.976326            | 0.080946947                              |
| 50A             | 50.0254079      | 0.050025408      | 0.941231842       | 0.018700888  | 0.933941249       | -0.780626544                            | 2497.996845            | 0.080126218                              |
| 60A             | 60.1763006      | 0.03008815       | 1.13106255        | 0.018761644  | 1.127428039       | -0.322371854                            | 2500.55678             | -0.022271207                             |
| 70A             | 70.0743286      | 0.035037164      | 1.31676583        | 0.018761516  | 1.313122337       | -0.277467898                            | 2501.199051            | -0.047962034                             |
| 80A             | 80.1109674      | 0.040055484      | 1.50506839        | 0.018760908  | 1.501376212       | -0.245919573                            | 2501.690616            | -0.067624643                             |
| 90A             | 90.1127214      | 0.045056361      | 1.69271038        | 0.018771672  | 1.689988187       | -0.161077611                            | 2502.080661            | -0.083226424                             |
| 100A            | 100.112043      | 0.050056022      | 1.88041437        | 0.018948619  | 1.895406705       | 0.790982476                             | 2502.249555            | -0.08998221                              |
| 120A            | 118.8751376     | 0.029718784      | 2.23594911        | 0.018809224  | 2.234370806       | -0.07063752                             | 2498.773985            | 0.049040612                              |

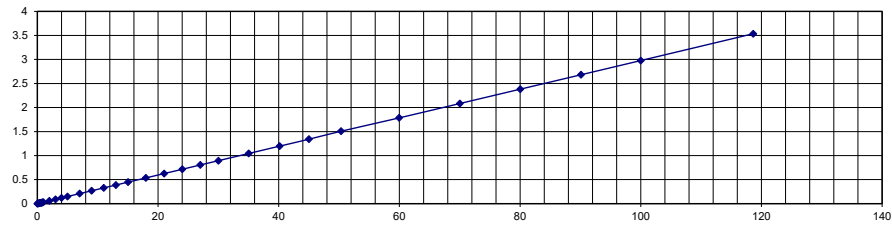
**CURRENT TRANSFORMER CHARACTERISTICS TEST**

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 75   |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.001573676     | 0.001573676      | 5.06358E-05       | 0.03007189  | -0.001526353      | 103.3174373                             | 2330.875033            | 6.764998698                              |
| 0.1A            | 0.100418515     | 0.100418515      | 0.003023087       | 0.029773634 | 0.001416148       | -113.4725719                            | 2491.29079             | 0.348368414                              |
| 0.2A            | 0.199467108     | 0.199467108      | 0.005972123       | 0.029767189 | 0.004363899       | -36.85293687                            | 2504.9772              | -0.199087981                             |
| 0.3A            | 0.299656195     | 0.299656195      | 0.008954471       | 0.029766686 | 0.007346096       | -21.89428744                            | 2509.831664            | -0.393266563                             |
| 0.4A            | 0.401658801     | 0.401658801      | 0.011990751       | 0.029793612 | 0.01039319        | -15.37122254                            | 2512.303969            | -0.492158769                             |
| 0.5A            | 0.503453558     | 0.503453558      | 0.015023584       | 0.029763196 | 0.01341071        | -12.02675789                            | 2513.316187            | -0.532647469                             |
| 0.6A            | 0.602463622     | 0.602463622      | 0.01797044        | 0.029758225 | 0.016354571       | -9.880252365                            | 2514.3943              | -0.575771993                             |
| 0.7A            | 0.701426001     | 0.701426001      | 0.020915385       | 0.029851337 | 0.019364827       | -8.007080282                            | 2515.227479            | -0.609099151                             |
| 0.8A            | 0.800403944     | 0.800403944      | 0.023870009       | 0.029790599 | 0.022270788       | -7.180797991                            | 2514.883721            | -0.595348845                             |
| 0.9A            | 0.900450289     | 0.900450289      | 0.026850443       | 0.029774685 | 0.025236948       | -6.393386125                            | 2515.182773            | -0.607310911                             |
| 1A              | 1.00225154      | 1.00225154       | 0.029881543       | 0.029807358 | 0.028300794       | -5.585529664                            | 2515.561696            | -0.622467852                             |
| 2A              | 1.99918928      | 1.99918928       | 0.059597623       | 0.029779384 | 0.05796095        | -2.82375229                             | 2515.858653            | -0.634346103                             |
| 3A              | 3.00467865      | 3.00467865       | 0.089540478       | 0.029922945 | 0.088335156       | -1.364486428                            | 2516.748903            | -0.669956109                             |
| 4A              | 4.00113434      | 0.040011343      | 0.119357366       | 0.029634171 | 0.116996624       | -2.0177862                              | 2514.173072            | -0.566922866                             |
| 5A              | 5.0129217       | 0.050129217      | 0.149340846       | 0.02987166  | 0.148170617       | -0.789785087                            | 2517.523756            | -0.700950228                             |
| 7A              | 7.01169314      | 0.035058466      | 0.209047467       | 0.029790682 | 0.207309443       | -0.838371947                            | 2515.586498            | -0.623459934                             |
| 9A              | 9.00954802      | 0.04504774       | 0.268564926       | 0.029729318 | 0.26627404        | -0.860348806                            | 2516.025125            | -0.641004999                             |
| 11A             | 11.01358825     | 0.022027177      | 0.328143675       | 0.029706911 | 0.325606012       | -0.77936602                             | 2517.248333            | -0.689933304                             |
| 13A             | 13.0263387      | 0.026052677      | 0.387936274       | 0.029909666 | 0.388039769       | 0.026671307                             | 2518.391468            | -0.735658713                             |
| 15A             | 15.0406292      | 0.030081258      | 0.448183031       | 0.02975988  | 0.446033649       | -0.481887923                            | 2516.934181            | -0.677367234                             |
| 18A             | 17.99624505     | 0.03599249       | 0.536141805       | 0.029735966 | 0.533562059       | -0.483495067                            | 2517.465279            | -0.698611163                             |
| 21A             | 21.0308323      | 0.042061665      | 0.626378189       | 0.029773141 | 0.624580252       | -0.287863284                            | 2518.147104            | -0.725884151                             |
| 24A             | 24.02682305     | 0.048053646      | 0.715578243       | 0.029984338 | 0.718854706       | 0.455789345                             | 2518.259528            | -0.730381136                             |
| 27A             | 26.9967754      | 0.026996775      | 0.804630298       | 0.029808063 | 0.803147908       | -0.184572436                            | 2516.383189            | -0.655327548                             |
| 30A             | 29.997595       | 0.029997595      | 0.894078918       | 0.029787791 | 0.891988423       | -0.23436347                             | 2516.35463             | -0.654185205                             |
| 35A             | 35.041064       | 0.035041064      | 1.04431272        | 0.029831186 | 1.043742821       | -0.054601439                            | 2516.564004            | -0.662560157                             |
| 40A             | 40.1690569      | 0.040169057      | 1.19728683        | 0.029644653 | 1.189224066       | -0.677985244                            | 2516.255246            | -0.650209858                             |
| 45A             | 45.0268318      | 0.045026832      | 1.34129388        | 0.031230822 | 1.404651296       | 4.51054406                              | 2517.727424            | -0.70909695                              |
| 50A             | 50.345378       | 0.050345378      | 1.50739645        | 0.028791349 | 1.44793768        | -4.106445393                            | 2504.917237            | -0.196689464                             |
| 60A             | 59.9682414      | 0.029984121      | 1.78445167        | 0.029774163 | 1.78393051        | -0.029214121                            | 2520.448259            | -0.817930362                             |
| 70A             | 70.0189804      | 0.03500949       | 2.08370401        | 0.029790932 | 2.084356982       | 0.031327269                             | 2520.234882            | -0.809395285                             |
| 80A             | 80.031581       | 0.040015791      | 2.38198871        | 0.029790167 | 2.382580459       | 0.024836459                             | 2519.897995            | -0.795919809                             |
| 90A             | 90.1098358      | 0.045054918      | 2.6822216         | 0.029823086 | 2.685779741       | 0.132480751                             | 2519.641809            | -0.78567237                              |
| 100A            | 100.0094698     | 0.050004735      | 2.977445924       | 0.029961045 | 2.994814536       | 0.579511536                             | 2519.164707            | -0.766588294                             |
| 120A            | 118.6380304     | 0.029659508      | 3.53559038        | 0.029801493 | 3.534016704       | -0.044529398                            | 2516.652475            | -0.666098995                             |



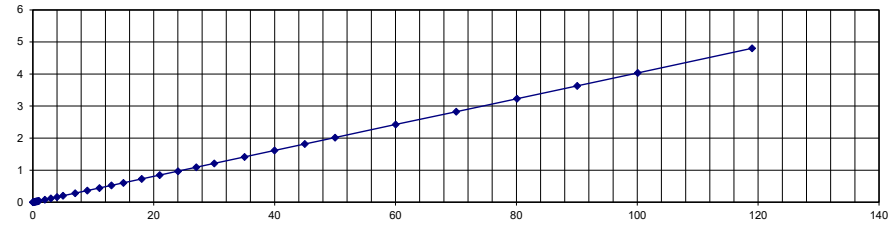
# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 100  |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.001632763     | 0.001632763      | 5.05072E-05       | 0.040813053 | -0.001566124      | 103.2249801                             | 3232.731941            | -29.30927764                             |
| 0.1A            | 0.102098063     | 0.102098063      | 0.004150803       | 0.040357206 | 0.00248763        | -66.85772584                            | 2459.718426            | 1.61126298                               |
| 0.2A            | 0.199819333     | 0.199819333      | 0.00809456        | 0.040348366 | 0.006429621       | -25.89482688                            | 2468.563169            | 1.257473252                              |
| 0.3A            | 0.301096559     | 0.301096559      | 0.012180931       | 0.04029592  | 0.0105002         | -16.00665281                            | 2471.868234            | 1.125270657                              |
| 0.4A            | 0.400802183     | 0.400802183      | 0.016198661       | 0.040479322 | 0.014591438       | -11.01483253                            | 2474.292121            | 1.028315144                              |
| 0.5A            | 0.499777067     | 0.499777067      | 0.020205097       | 0.040319786 | 0.018518142       | -9.109742529                            | 2473.519785            | 1.059208585                              |
| 0.6A            | 0.600114371     | 0.600114371      | 0.024250675       | 0.040397886 | 0.022610589       | -7.253619612                            | 2474.629515            | 1.014819406                              |
| 0.7A            | 0.700345067     | 0.700345067      | 0.028299784       | 0.040317037 | 0.026603076       | -6.377864032                            | 2474.736475            | 1.010541013                              |
| 0.8A            | 0.801575968     | 0.801575968      | 0.032381114       | 0.040228806 | 0.030613682       | -5.773339582                            | 2475.442871            | 0.98228518                               |
| 0.9A            | 0.900822306     | 0.900822306      | 0.036373675       | 0.0404625   | 0.03481676        | -4.471740994                            | 2476.577631            | 0.936894766                              |
| 1A              | 1.00119344      | 1.00119344       | 0.040434942       | 0.040392819 | 0.038808263       | -4.191581056                            | 2476.060019            | 0.95759924                               |
| 2A              | 2.0023713       | 2.0023713        | 0.080875338       | 0.04041142  | 0.079285905       | -2.004685223                            | 2475.873795            | 0.965048208                              |
| 3A              | 2.99064548      | 2.99064548       | 0.120812901       | 0.040241494 | 0.118715279       | -1.766934923                            | 2475.435533            | 0.982578673                              |
| 4A              | 4.00962204      | 4.00962204       | 0.16181804        | 0.04034462  | 0.160133916       | -1.051697166                            | 2477.858488            | 0.885660462                              |
| 5A              | 5.00035946      | 5.00035946       | 0.201788965       | 0.040440746 | 0.200585505       | -0.599973543                            | 2478.014326            | 0.87942698                               |
| 7A              | 7.00880858      | 7.00880858       | 0.283012146       | 0.040298463 | 0.280811453       | -0.783690576                            | 2476.504517            | 0.939819311                              |
| 9A              | 9.01432458      | 9.01432458       | 0.363831359       | 0.040210264 | 0.360835608       | -0.830225866                            | 2477.610672            | 0.895573105                              |
| 11A             | 11.0276138      | 11.0276138       | 0.44478625        | 0.040393444 | 0.443810533       | -0.219849802                            | 2479.306363            | 0.827745462                              |
| 13A             | 13.005262       | 13.005262        | 0.524670271       | 0.040419891 | 0.524038505       | -0.120557233                            | 2478.749554            | 0.850017858                              |
| 15A             | 14.97796635     | 14.97796635      | 0.604406765       | 0.040415511 | 0.603709401       | -0.115513177                            | 2478.126854            | 0.874925846                              |
| 18A             | 18.01633125     | 18.01633125      | 0.727203835       | 0.040313312 | 0.724665215       | -0.350316305                            | 2477.480231            | 0.900790767                              |
| 21A             | 20.9897952      | 20.9897952       | 0.847074014       | 0.040386387 | 0.846069225       | -0.118759669                            | 2477.917496            | 0.883300146                              |
| 24A             | 24.00343605     | 24.00343605      | 0.968784079       | 0.04055719  | 0.971879143       | 0.31846181                              | 2477.686883            | 0.89252468                               |
| 27A             | 27.03198        | 27.03198         | 1.09161331        | 0.040307845 | 1.087968111       | -0.335046512                            | 2476.332942            | 0.946682301                              |
| 30A             | 30.0209599      | 30.0209599       | 1.21209265        | 0.040366158 | 1.211098046       | -0.156553251                            | 2476.787554            | 0.928497834                              |
| 35A             | 35.0203329      | 35.0203329       | 1.41389813        | 0.040496974 | 1.416584734       | 0.189653622                             | 2476.863938            | 0.925442486                              |
| 40A             | 39.9917439      | 39.9917439       | 1.61522523        | 0.040250423 | 1.608051847       | -0.446091537                            | 2475.923677            | 0.963052936                              |
| 45A             | 44.992626       | 44.992626        | 1.81651285        | 0.040166972 | 1.80558478        | -0.605237183                            | 2476.868028            | 0.925278894                              |
| 50A             | 49.9943553      | 49.9943553       | 2.01741717        | 0.040800874 | 2.038180647       | 1.018726023                             | 2478.136701            | 0.874531964                              |
| 60A             | 60.0264158      | 60.0264158       | 2.42673401        | 0.039659161 | 2.378964533       | -2.007994501                            | 2473.547391            | 1.058104345                              |
| 70A             | 70.04566        | 70.04566         | 2.82408883        | 0.040321319 | 2.822700668       | -0.04917852                             | 2480.292378            | 0.788304878                              |
| 80A             | 80.1018468      | 80.1018468       | 3.22956755        | 0.040293261 | 3.225931835       | -0.112702794                            | 2480.265409            | 0.789383644                              |
| 90A             | 90.0559382      | 90.0559382       | 3.63065035        | 0.04031708  | 3.629159706       | -0.041074071                            | 2480.435446            | 0.782582162                              |
| 100A            | 100.0727906     | 100.0727906      | 4.03450059        | 0.040645108 | 4.065836575       | 0.770714334                             | 2480.425727            | 0.78297091                               |
| 120A            | 118.9976688     | 118.9976688      | 4.8037043         | 0.040368054 | 4.802071538       | -0.034001212                            | 2477.206368            | 0.911745296                              |

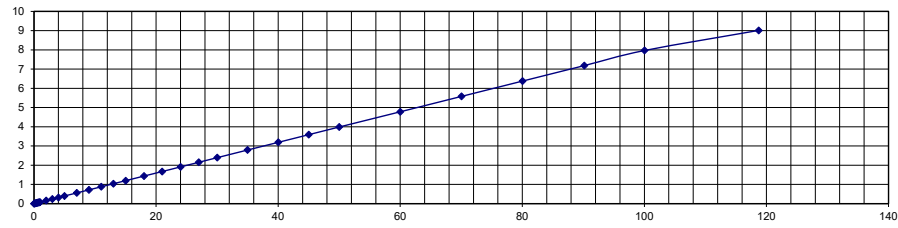
**CURRENT TRANSFORMER CHARACTERISTICS TEST**

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 200  |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.00161008      | 0.00161008       | 0.000134595       | 0.080394985 | -0.001480638      | 109.0903083                             | 2392.489569            | 4.30041723                               |
| 0.1A            | 0.095519427     | 0.095519427      | 0.007684435       | 0.079463582 | 0.005980236       | -28.49718812                            | 2486.049424            | 0.558023035                              |
| 0.2A            | 0.200537801     | 0.200537801      | 0.016029571       | 0.079745022 | 0.014381812       | -11.45724769                            | 2502.098119            | -0.083924765                             |
| 0.3A            | 0.300274618     | 0.300274618      | 0.023983086       | 0.079819602 | 0.02235772        | -7.269817624                            | 2504.053215            | -0.162128593                             |
| 0.4A            | 0.399564977     | 0.399564977      | 0.031908403       | 0.079881156 | 0.030307633       | -5.281739979                            | 2504.449867            | -0.177994681                             |
| 0.5A            | 0.501475104     | 0.501475104      | 0.040049102       | 0.079679398 | 0.038347155       | -4.438261639                            | 2504.301384            | -0.172055345                             |
| 0.6A            | 0.600653609     | 0.600653609      | 0.047951585       | 0.079646135 | 0.046229658       | -3.72472318                             | 2505.250285            | -0.210010617                             |
| 0.7A            | 0.699692995     | 0.699692995      | 0.05583969        | 0.079764108 | 0.054200308       | -3.024672417                            | 2506.077666            | -0.243106652                             |
| 0.8A            | 0.801678547     | 0.801678547      | 0.063974476       | 0.079800869 | 0.062364565       | -2.581451852                            | 2506.244973            | -0.249798935                             |
| 0.9A            | 0.901070908     | 0.901070908      | 0.071906073       | 0.07983646  | 0.070328231       | -2.243539592                            | 2506.244244            | -0.24976978                              |
| 1A              | 1.00081607      | 1.00081607       | 0.079869374       | 0.079745187 | 0.078200185       | -2.134507291                            | 2506.132263            | -0.245290518                             |
| 2A              | 2.00130814      | 2.00130814       | 0.159653801       | 0.079639679 | 0.157773459       | -1.191798982                            | 2507.05981             | -0.2823924                               |
| 3A              | 2.99910367      | 2.99910367       | 0.239117917       | 0.079588459 | 0.237083959       | -0.857906221                            | 2508.472563            | -0.338902501                             |
| 4A              | 4.0039785       | 0.040039785      | 0.319094356       | 0.079727105 | 0.317615533       | -0.465601499                            | 2509.589045            | -0.383561783                             |
| 5A              | 4.99837243      | 0.049983724      | 0.398374505       | 0.079747747 | 0.396998863       | -0.346510426                            | 2509.383692            | -0.375347664                             |
| 7A              | 7.02534696      | 0.035126735      | 0.560021158       | 0.079666752 | 0.558076492       | -0.348458637                            | 2508.957692            | -0.358307677                             |
| 9A              | 9.00152172      | 0.045007609      | 0.717456582       | 0.07948696  | 0.713892618       | -0.499229701                            | 2509.286818            | -0.371472737                             |
| 11A             | 11.0105225      | 0.022021045      | 0.877145746       | 0.079642628 | 0.875296865       | -0.211229019                            | 2510.534321            | -0.421372847                             |
| 13A             | 13.0199511      | 0.026039902      | 1.03718192        | 0.079844044 | 1.037955475       | 0.074526803                             | 2510.639811            | -0.425592455                             |
| 15A             | 15.0218041      | 0.030043608      | 1.19701796        | 0.079514149 | 1.192835884       | -0.350599405                            | 2509.87113             | -0.394845203                             |
| 18A             | 18.01807865     | 0.036036157      | 1.43526418        | 0.079147428 | 1.424474509       | -0.75744924                             | 2510.768248            | -0.430729902                             |
| 21A             | 20.99152485     | 0.04198305       | 1.6706048         | 0.080129692 | 1.68043435        | 0.584941001                             | 2513.044958            | -0.521798333                             |
| 24A             | 24.0199211      | 0.048039842      | 1.91326926        | 0.080308097 | 1.927384085       | 0.732330689                             | 2510.87723             | -0.435089204                             |
| 27A             | 26.9962389      | 0.026996239      | 2.15229168        | 0.079581667 | 2.14679562        | -0.256012249                            | 2508.604122            | -0.344164876                             |
| 30A             | 30.024756       | 0.030024756      | 2.39330612        | 0.080013146 | 2.400765102       | 0.310691882                             | 2509.061064            | -0.362442561                             |
| 35A             | 34.9876756      | 0.034987676      | 2.79040493        | 0.079307031 | 2.773158587       | -0.621902516                            | 2507.713144            | -0.308525759                             |
| 40A             | 40.0373893      | 0.040037389      | 3.19088273        | 0.079937962 | 3.198897235       | 0.250539618                             | 2509.486728            | -0.379469101                             |
| 45A             | 45.0150367      | 0.045015037      | 3.58878572        | 0.079876256 | 3.59402252        | 0.145708602                             | 2508.650012            | -0.346000485                             |
| 50A             | 50.0041635      | 0.050004164      | 3.98729849        | 0.079138231 | 3.956630981       | -0.800567822                            | 2508.17257             | -0.32690279                              |
| 60A             | 60.0047226      | 0.030002361      | 4.77872505        | 0.079768275 | 4.784863146       | 0.128281533                             | 2511.327686            | -0.453107425                             |
| 70A             | 70.0397642      | 0.035019882      | 5.57920301        | 0.079694019 | 5.580140203       | 0.016795157                             | 2510.744423            | -0.429776905                             |
| 80A             | 80.0491692      | 0.040024585      | 6.37689272        | 0.079576471 | 6.368420293       | -0.133038125                            | 2510.601094            | -0.424043765                             |
| 90A             | 90.1586438      | 0.045079322      | 7.18136903        | 0.079531416 | 7.168834489       | -0.174847678                            | 2510.904075            | -0.436162992                             |
| 100A            | 100.0338294     | 0.050016915      | 7.96675652        | 0.055867634 | 5.587043337       | -42.59342625                            | 2511.281201            | -0.451248032                             |
| 120A            | 118.7292816     | 0.02968232       | 9.01122721        | 0.07589726  | 9.00961713        | -0.01787068                             | 2635.141226            | -5.405649049                             |



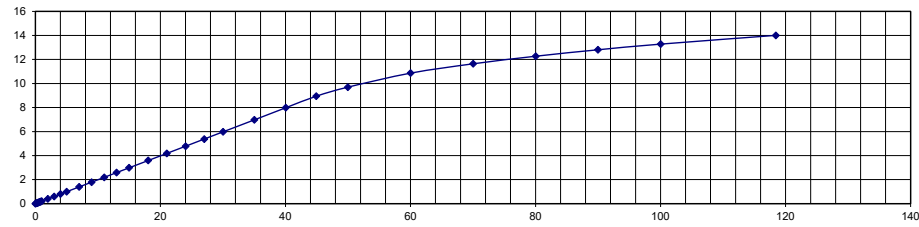
**CURRENT TRANSFORMER CHARACTERISTICS TEST**

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 500  |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.00161689      | 0.00161689       | 0.000353909       | 0.199649808 | -0.001294078      | 127.34833                               | 2284.33156             | 8.626737581                              |
| 0.1A            | 0.099696642     | 0.099696642      | 0.019935513       | 0.199537044 | 0.018276283       | -9.078591761                            | 2500.478533            | -0.019141319                             |
| 0.2A            | 0.200077163     | 0.200077163      | 0.039965145       | 0.199531005 | 0.038304708       | -4.334812799                            | 2503.145722            | -0.125828894                             |
| 0.3A            | 0.300653741     | 0.300653741      | 0.060033291       | 0.196652029 | 0.057507278       | -4.392508613                            | 2504.058482            | -0.16233926                              |
| 0.4A            | 0.400360354     | 0.400360354      | 0.079640798       | 0.202692795 | 0.079533269       | -0.135200096                            | 2513.538049            | -0.541521944                             |
| 0.5A            | 0.500218709     | 0.500218709      | 0.099881368       | 0.198772706 | 0.097812936       | -2.114680594                            | 2504.064179            | -0.162567157                             |
| 0.6A            | 0.600999017     | 0.600999017      | 0.119913742       | 0.199641292 | 0.11836733        | -1.30645163                             | 2505.963899            | -0.238555978                             |
| 0.7A            | 0.700417924     | 0.700417924      | 0.139761861       | 0.199276745 | 0.137960114       | -1.305991375                            | 2505.754857            | -0.230194273                             |
| 0.8A            | 0.800566494     | 0.800566494      | 0.159719142       | 0.199096288 | 0.157772927       | -1.233554422                            | 2506.16953             | -0.24678119                              |
| 0.9A            | 0.90037945      | 0.90037945       | 0.179591531       | 0.199372283 | 0.177893817       | -0.954341173                            | 2506.742509            | -0.269700357                             |
| 1A              | 0.999911324     | 0.999911324      | 0.199435428       | 0.199346913 | 0.197712346       | -0.871509698                            | 2506.85481             | -0.274192407                             |
| 2A              | 2.00403653      | 2.00403653       | 0.399604688       | 0.199009874 | 0.397206167       | -0.603847881                            | 2507.523798            | -0.300951925                             |
| 3A              | 2.99727555      | 2.99727555       | 0.59726906        | 0.19978899  | 0.597205764       | -0.010598629                            | 2509.150189            | -0.366007575                             |
| 4A              | 4.00807027      | 0.040080703      | 0.799214716       | 0.198199356 | 0.792780057       | -0.811657491                            | 2507.505298            | -0.30021194                              |
| 5A              | 5.00036148      | 0.050003615      | 0.995886195       | 0.199069513 | 0.993802636       | -0.209655172                            | 2510.508482            | -0.420339294                             |
| 7A              | 6.99136366      | 0.034956818      | 1.39223403        | 0.19870022  | 1.38756861        | -0.336229853                            | 2510.843547            | -0.433741876                             |
| 9A              | 8.99864548      | 0.044993227      | 1.79108137        | 0.198373016 | 1.783471552       | -0.426685696                            | 2512.070538            | -0.482821504                             |
| 11A             | 11.0094173      | 0.022018835      | 2.18996424        | 0.199717914 | 2.197160973       | 0.327546902                             | 2513.606638            | -0.544265508                             |
| 13A             | 12.99739585     | 0.025994792      | 2.58699917        | 0.198944619 | 2.584145079       | -0.11044623                             | 2512.060305            | -0.482412215                             |
| 15A             | 14.9844513      | 0.029968903      | 2.98231316        | 0.198482964 | 2.972541423       | -0.328733401                            | 2512.219626            | -0.488785021                             |
| 18A             | 18.0559744      | 0.036111949      | 3.59195817        | 0.199369711 | 3.598197508       | 0.173401775                             | 2513.388735            | -0.535549388                             |
| 21A             | 21.03805095     | 0.042076102      | 4.18649391        | 0.198865513 | 4.182125901       | -0.104444696                            | 2512.609764            | -0.504390558                             |
| 24A             | 24.0262205      | 0.048052441      | 4.78073778        | 0.2003344   | 4.811661567       | 0.642684174                             | 2512.815135            | -0.5126054                               |
| 27A             | 27.0053214      | 0.027005321      | 5.37755417        | 0.199599616 | 5.388634895       | 0.205631392                             | 2510.929741            | -0.437189645                             |
| 30A             | 30.031742       | 0.030031742      | 5.98162656        | 0.19885396  | 5.970313943       | -0.189481116                            | 2510.332407            | -0.413296279                             |
| 35A             | 35.0344397      | 0.03503444       | 6.97643281        | 0.200493236 | 7.022551302       | 0.656719906                             | 2510.913575            | -0.436543013                             |
| 40A             | 40.0589092      | 0.040058909      | 7.98380496        | 0.196920526 | 7.886804591       | -1.229907087                            | 2508.76051             | -0.350420384                             |
| 45A             | 44.9385579      | 0.044938558      | 8.94470795        | 0.149051028 | 6.696521344       | -33.57245487                            | 2512.019294            | -0.480771762                             |
| 50A             | 49.9809648      | 0.049980965      | 9.69628388        | 0.116279953 | 5.810167347       | -66.88476082                            | 2577.325779            | -3.093031142                             |
| 60A             | 60.0278378      | 0.030013919      | 10.8645338        | 0.077494689 | 4.650221749       | -133.6347466                            | 2762.559301            | -10.50237204                             |
| 70A             | 70.0385354      | 0.035019268      | 11.6403097        | 0.062995047 | 4.410463974       | -163.9248335                            | 3008.448109            | -20.33792434                             |
| 80A             | 80.0470952      | 0.040023548      | 12.2707994        | 0.053792559 | 4.304321226       | -185.0809397                            | 3261.690318            | -30.46761273                             |
| 90A             | 90.0039072      | 0.045001954      | 12.8064018        | 0.04708592  | 4.236299901       | -202.3015862                            | 3514.020121            | -40.56080483                             |
| 100A            | 100.028715      | 0.050014358      | 13.2784291        | 0.039439224 | 3.943437975       | -236.7221492                            | 3766.58693             | -50.6634772                              |
| 120A            | 118.4576528     | 0.029614413      | 14.0052521        | 0.118230032 | 14.00363521       | -0.011546216                            | 4229.043931            | -69.16175725                             |

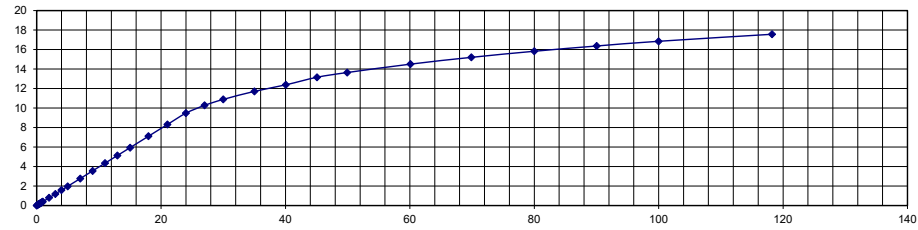
# CURRENT TRANSFORMER CHARACTERISTICS TEST

CT PRIMARY CURRENT VERSUS SECONDARY VOLTAGE

|                     |               |
|---------------------|---------------|
| <b>PRODUCT:</b>     | CR8350-2500-N |
| <b>Lot #:</b>       | 30929         |
| <b>TURNS/RATIO:</b> | 2500          |
| <b>DATE:</b>        | June 18, 2020 |
| <b>TESTER:</b>      | lb            |

**TEST SETUP**

|  |      |
|--|------|
| <b>FULL SCALE PRIMARY CURRENT(Amps):</b> | 100  |
| <b>Burden (Ohms):</b>                    | 1000 |
| <b>MEASUREMENT CT TURNS RATIO:</b>       | 2500 |
| <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              | 0.001571004     | 0.001571004      | 0.000678822       | 0.39659786  | -0.000947947      | 171.6096165                             |  | 2314.31146             | 7.427541604                              |
| 0.1A            | 0.100489132     | 0.100489132      | 0.039909539       | 0.396241125 | 0.038246922       | -4.347060787                            |  | 2517.922632            | -0.716905296                             |
| 0.2A            | 0.200259512     | 0.200259512      | 0.079442667       | 0.396826223 | 0.077897221       | -1.983954692                            |  | 2520.805508            | -0.8322203                               |
| 0.3A            | 0.300187944     | 0.300187944      | 0.119096889       | 0.395877882 | 0.117266763       | -1.560651903                            |  | 2520.535562            | -0.821422464                             |
| 0.4A            | 0.400491964     | 0.400491964      | 0.158805032       | 0.395653412 | 0.156885008       | -1.223841908                            |  | 2521.909784            | -0.876391373                             |
| 0.5A            | 0.500546625     | 0.500546625      | 0.198392          | 0.396447565 | 0.196869486       | -0.773361991                            |  | 2523.018191            | -0.92072765                              |
| 0.6A            | 0.600893966     | 0.600893966      | 0.238174459       | 0.395861884 | 0.236300013       | -0.793248341                            |  | 2522.915213            | -0.916608527                             |
| 0.7A            | 0.700405292     | 0.700405292      | 0.2775672         | 0.395802077 | 0.275650865       | -0.695203622                            |  | 2523.371969            | -0.934878761                             |
| 0.8A            | 0.799412789     | 0.799412789      | 0.316754573       | 0.395406003 | 0.314521612       | -0.709954853                            |  | 2523.760846            | -0.950433824                             |
| 0.9A            | 0.90153028      | 0.90153028       | 0.357132442       | 0.395194953 | 0.354709212       | -0.683159478                            |  | 2524.3584              | -0.974336014                             |
| 1A              | 1.00038988      | 1.00038988       | 0.396201257       | 0.395776012 | 0.394359313       | -0.46707252                             |  | 2524.953827            | -0.998153067                             |
| 2A              | 2.00086368      | 2.00086368       | 0.792164788       | 0.39482774  | 0.788425481       | -0.47427529                             |  | 2525.817494            | -1.032699777                             |
| 3A              | 3.00313004      | 3.00313004       | 1.18788735        | 0.393728713 | 1.18084752        | -0.596167583                            |  | 2528.126964            | -1.125078569                             |
| 4A              | 4.00356513      | 0.040035651      | 1.58178737        | 0.395663881 | 1.582495111       | 0.044723105                             |  | 2531.038751            | -1.241550057                             |
| 5A              | 4.99242719      | 0.049924272      | 1.97304437        | 0.394309553 | 1.966990729       | -0.307761553                            |  | 2530.316736            | -1.212669434                             |
| 7A              | 7.01186008      | 0.0350593        | 2.76932605        | 0.396361096 | 2.777657545       | 0.299946807                             |  | 2531.973467            | -1.278938679                             |
| 9A              | 9.00184688      | 0.045009234      | 3.5580794         | 0.395881295 | 3.562091797       | 0.1126416                               |  | 2529.973581            | -1.198943228                             |
| 11A             | 11.0141853      | 0.022028371      | 4.35472654        | 0.394851267 | 4.347394021       | -0.168664708                            |  | 2529.248438            | -1.169937527                             |
| 13A             | 12.99044835     | 0.025980897      | 5.13505651        | 0.395006705 | 5.12974319        | -0.103578668                            |  | 2529.757623            | -1.190304914                             |
| 15A             | 15.0283971      | 0.030056794      | 5.94005993        | 0.396953896 | 5.964009775       | 0.401572867                             |  | 2530.007656            | -1.20030624                              |
| 18A             | 17.99163145     | 0.035983263      | 7.11632735        | 0.395324239 | 7.110957012       | -0.075522009                            |  | 2528.218639            | -1.128745574                             |
| 21A             | 21.02475075     | 0.042049502      | 8.31539293        | 0.389931578 | 8.19664324        | -1.448760021                            |  | 2528.413381            | -1.136535228                             |
| 24A             | 24.00266735     | 0.048005335      | 9.47657665        | 0.266538791 | 6.396070928       | -48.16246969                            |  | 2532.841577            | -1.313663094                             |
| 27A             | 27.0195785      | 0.027019579      | 10.2807005        | 0.203269401 | 5.490682534       | -87.23902604                            |  | 2628.184578            | -5.1273831                               |
| 30A             | 30.0178035      | 0.030017804      | 10.8901479        | 0.164386305 | 4.932944787       | -120.7636284                            |  | 2756.418349            | -10.25673398                             |
| 35A             | 35.0357422      | 0.035035742      | 11.7150283        | 0.133183402 | 4.664608321       | -151.1470952                            |  | 2990.666459            | -19.62665835                             |
| 40A             | 40.0629655      | 0.040062966      | 12.384571         | 0.154487365 | 6.187650974       | -100.1497992                            |  | 3234.909429            | -29.39637715                             |
| 45A             | 45.0766137      | 0.045076614      | 13.1591163        | 0.100025157 | 4.50722438        | -191.9560951                            |  | 3425.504621            | -37.02018486                             |
| 50A             | 49.9475273      | 0.049947527      | 13.6463302        | 0.084625279 | 4.225252437       | -222.970767                             |  | 3660.143538            | -46.40574152                             |
| 60A             | 60.113427       | 0.030056714      | 14.5066223        | 0.07108619  | 4.271663487       | -239.601243                             |  | 4143.861042            | -65.75444168                             |
| 70A             | 69.9081832      | 0.034954092      | 15.2028942        | 0.061754859 | 4.31559898        | -252.2777318                            |  | 4598.347017            | -83.93388069                             |
| 80A             | 80.0200758      | 0.040010038      | 15.8273527        | 0.053830764 | 4.305970784       | -267.5675822                            |  | 5055.809226            | -102.232369                              |
| 90A             | 90.0549418      | 0.045027471      | 16.3675372        | 0.04849238  | 4.365407427       | -274.9372189                            |  | 5502.045952            | -120.0818381                             |
| 100A            | 99.9879932      | 0.049993997      | 16.8492145        | 0.039462173 | 3.944172481       | -327.1926388                            |  | 5934.282171            | -137.3712868                             |
| 120A            | 118.2278732     | 0.029556968      | 17.5689998        | 0.148602858 | 17.5674288        | -0.008942711                            |  | 6729.345697            | -169.1738279                             |