酒钢集团 JISCO

# QUALITY CERTIFICATE

ISSUED BY GANSU JIU STEEL GROUP HONGXING IRON AND STEEL CO., LTD

Date: APR.12,2017

TO WHOM IT MAY CONCERN

COMMODITY : HOT DIPPED ALUZINC COATED STEEL SHEET IN COIL
SPEC:CS-B AZ150 ACCORDING TO ASTM A792,REGULAR SPANGLE,CHROMATED,UNOILED ANTI FINGER,SKIN PASSED

| Series | Spec. | COILS ID No. | Size(mm) | Coils | Net Weight | Gross | Chemical Composition (%) | | | | | Mechanical properties | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thickness*Width | | (MT) | Weight(MT) | C | Si | Mn | P | S | Rel | Rm | A |
| 1 | CS-B | 7G1486LN1A | 1.50*1219 | 1 | 10.110 | 10.170 | 0.060 | 0.020 | 0.171 | 0.009 | 0.005 | 310.0 | 392.0 | 42.5 |
| 2 | CS-B | 7G1486LN1B | 1.50*1219 | 1 | 9.785 | 9.845 | 0.060 | 0.020 | 0.171 | 0.009 | 0.005 | 310.0 | 392.0 | 42.5 |
| 3 | CS-B | 7G1582LN1A | 1.50*1219 | 1 | 10.000 | 10.060 | 0.045 | 0.023 | 0.156 | 0.009 | 0.004 | 302.0 | 385.0 | 41.5 |
| 4 | CS-B | 7G1582LN1B | 1.50*1219 | 1 | 9.725 | 9.785 | 0.045 | 0.023 | 0.156 | 0.009 | 0.004 | 302.0 | 385.0 | 41.5 |
| 5 | CS-B | 7G1583LN1A | 1.50*1219 | 1 | 9.975 | 10.035 | 0.045 | 0.023 | 0.156 | 0.009 | 0.004 | 302.0 | 385.0 | 41.5 |
| 6 | CS-B | 7G1583LN1B | 1.50*1219 | 1 | 9.720 | 9.780 | 0.045 | 0.023 | 0.156 | 0.009 | 0.004 | 302.0 | 385.0 | 41.5 |
| 7 | CS-B | 7G1586LN1B | 2.00*1219 | 1 | 9.805 | 9.865 | 0.045 | 0.023 | 0.156 | 0.009 | 0.004 | 288.0 | 376.0 | 43.0 |
| 8 | CS-B | 7G1593LN1A | 2.00*1219 | 1 | 10.060 | 10.120 | 0.041 | 0.031 | 0.142 | 0.011 | 0.005 | 288.0 | 374.0 | 44.0 |
| 9 | CS-B | 7G1593LN1B | 2.00*1219 | 1 | 9.770 | 9.830 | 0.041 | 0.031 | 0.142 | 0.011 | 0.005 | 288.0 | 374.0 | 44.0 |
| 10 | CS-B | 7G1594LN1B | 2.00*1219 | 1 | 9.840 | 9.900 | 0.041 | 0.031 | 0.142 | 0.011 | 0.005 | 288.0 | 377.0 | 43.5 |
| 11 | CS-B | 7G1606LN1A | 2.00*1219 | 1 | 10.070 | 10.130 | 0.058 | 0.020 | 0.131 | 0.006 | 0.004 | 288.0 | 377.0 | 44.5 |
| 12 | CS-B | 7G1612LN1A | 2.00*1219 | 1 | 10.065 | 10.125 | 0.045 | 0.019 | 0.160 | 0.011 | 0.005 | 287.0 | 375.0 | 44.5 |
| 13 | CS-B | 7G1584LN1A | 2.00*1219 | 1 | 10.075 | 10.135 | 0.045 | 0.023 | 0.156 | 0.009 | 0.004 | 289.0 | 379.0 | 42.5 |
| 14 | CS-B | 7G1594LN1A | 2.00*1219 | 1 | 10.050 | 10.110 | 0.041 | 0.031 | 0.142 | 0.011 | 0.005 | 288.0 | 377.0 | 43.5 |
| 15 | CS-B | 7G1601LN1A | 2.00*1219 | 1 | 10.085 | 10.145 | 0.058 | 0.020 | 0.131 | 0.006 | 0.004 | 287.0 | 379.0 | 43.5 |
| 16 | CS-B | 7G1602LN1A | 2.00*1219 | 1 | 10.070 | 10.130 | 0.058 | 0.020 | 0.131 | 0.006 | 0.004 | 287.0 | 379.0 | 43.5 |
| 17 | CS-B | 7G1605LN1B | 2.00*1219 | 1 | 9.815 | 9.875 | 0.058 | 0.020 | 0.131 | 0.006 | 0.004 | 288.0 | 377.0 | 44.5 |
| 18 | CS-B | 7G1606LN1B | 2.00*1219 | 1 | 9.780 | 9.840 | 0.058 | 0.020 | 0.131 | 0.006 | 0.004 | 288.0 | 377.0 | 44.5 |
| 19 | CS-B | 7G1483LN1B | 2.00*1219 | 1 | 9.810 | 9.870 | 0.060 | 0.020 | 0.171 | 0.009 | 0.005 | 298.0 | 389.0 | 41.5 |
| 20 | CS-B | 7G1485LN1B | 2.00*1219 | 1 | 9.835 | 9.895 | 0.060 | 0.020 | 0.171 | 0.009 | 0.005 | 298.0 | 389.0 | 41.5 |
| 21 | CS-B | 7G1604LN1A | 2.00*1219 | 1 | 10.070 | 10.130 | 0.058 | 0.020 | 0.131 | 0.006 | 0.004 | 288.0 | 379.0 | 43.0 |
| 22 | CS-B | 7G1613LN1A | 2.00*1219 | 1 | 10.085 | 10.145 | 0.045 | 0.019 | 0.160 | 0.011 | 0.005 | 291.0 | 378.0 | 45.0 |
| 23 | CS-B | 7G1615LN1B | 2.00*1219 | 1 | 9.825 | 9.885 | 0.045 | 0.019 | 0.160 | 0.011 | 0.005 | 296.0 | 386.0 | 42.0 |
| 24 | CS-B | 7G1616LN1B | 2.00*1219 | 1 | 9.760 | 9.820 | 0.045 | 0.019 | 0.160 | 0.011 | 0.005 | 296.0 | 386.0 | 42.0 |
| | | | Total: | 24 | 238.185 | 239.625 | | | | | | | | |

Total number of coils:24

Total Net Weight:238.185mt

Total Gross Weight:239.625mt

Note: REL=YIELD STRENGTH RM=TENSILE STRENGTH A=ELONGATION

SURVEYOR TO: WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE MATERIAL SPECIFICATION.