



Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 230112-FP01KS-0021A1-0001  
Date of Issue/발행일자 : Feb. 13, 2023

Order No./계약번호 : 01SS937123

PO No./주문번호 : 506633

Supplier : POSCO INTERNATIONAL CORPORATION  
/주문자

Commodity : HOT ROLLED STEEL PLATE  
/품명

Customer : ALPHA STEEL  
/고객사

Spec & Type : ASTM A36  
/규격

| Size/치수                 | Product No.<br>/제품번호 | Quantity<br>/수량 | Weight<br>/중량<br>(kg)<br>(lb) | Heat No.<br>/제강번호 | Country of Melt & Pour | Position | Tensile Test<br>/인장시험<br>YP (ksi) TS (%) EL (%) | Division | Chemical Composition/화합성분 |        |        |        |        |        |        |        |        |        |       |
|-------------------------|----------------------|-----------------|-------------------------------|-------------------|------------------------|----------|---|----------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
|                         |                      |                 |                               |                   |                        |          |   |          | C (%)                     | SI (%) | Mn (%) | P (%)  | S (%)  | Cr (%) | NI (%) | Cu (%) | Mo (%) | Nb (%) | V (%) |
| 0.625"x96"x240"         | PP32274501-4607      | 7               | 12,964<br>28,581              | SU96485           | KOR                    | T        | 43.5 64.8 30                                    | L        | 0.1651                    | 0.253  | 0.589  | 0.0099 | 0.0024 | 0.014  | 0.008  | 0.014  | 0.001  | 0.000  | 0.001 |
|                         |                      |                 |                               |                   |                        |          |   | P        | 0.1692                    | 0.248  | 0.580  | 0.0100 | 0.0021 | 0.013  | 0.008  | 0.013  | 0.001  | 0.000  | 0.001 |
| 0.625"x96"x240"         | PP32274204-4208      | 5               | 9,260<br>20,415               | SU96486           | KOR                    | T        | 43.7 64.1 30                                    | L        | 0.1602                    | 0.265  | 0.592  | 0.0086 | 0.0019 | 0.019  | 0.007  | 0.012  | 0.000  | 0.001  | 0.001 |
|                         |                      |                 |                               |                   |                        |          |   | P        | 0.1661                    | 0.248  | 0.571  | 0.0090 | 0.0018 | 0.018  | 0.008  | 0.011  | 0.001  | 0.000  | 0.000 |
| *** Sub Total (03b) *** |                      | 12              | 22,224 (kg)                   | 48,996 (lb)       |                        |          |   |          |                           |        |        |        |        |        |        |        |        |        |       |
| 0.75"x96"x240"          | PP31911204-1208      | 5               | 11,110<br>24,495              | SU96086           | KOR                    | T        | 43.5 65.0 28                                    | L        | 0.1704                    | 0.238  | 0.609  | 0.0120 | 0.0039 | 0.033  | 0.018  | 0.029  | 0.002  | 0.000  | 0.001 |
|                         |                      |                 |                               |                   |                        |          |   | P        | 0.1695                    | 0.235  | 0.649  | 0.0120 | 0.0037 | 0.023  | 0.013  | 0.023  | 0.002  | 0.000  | 0.001 |
| 0.75"x96"x240"          | PP31911101-1108      | 8               | 17,776<br>39,192              | SU96086           | KOR                    | T        | 43.1 65.4 30                                    | L        | 0.1704                    | 0.238  | 0.609  | 0.0120 | 0.0039 | 0.033  | 0.018  | 0.029  | 0.002  | 0.000  | 0.001 |
|                         |                      |                 |                               |                   |                        |          |   | P        | 0.1695                    | 0.235  | 0.649  | 0.0120 | 0.0037 | 0.023  | 0.013  | 0.023  | 0.002  | 0.000  | 0.001 |
| 0.75"x96"x240"          | PP31911001-1007      | 7               | 15,554<br>34,293              | SU96086           | KOR                    | T        | 44.8 65.8 31                                    | L        | 0.1704                    | 0.238  | 0.609  | 0.0120 | 0.0039 | 0.033  | 0.018  | 0.029  | 0.002  | 0.000  | 0.001 |
|                         |                      |                 |                               |                   |                        |          |   | P        | 0.1695                    | 0.235  | 0.649  | 0.0120 | 0.0037 | 0.023  | 0.013  | 0.023  | 0.002  | 0.000  | 0.001 |
| *** Sub Total (04b) *** |                      | 20              | 44,440 (kg)                   | 97,980 (lb)       |                        |          |   |          |                           |        |        |        |        |        |        |        |        |        |       |

\* Position - T : Top, M : Middle, B : Bottom  
 \* Tensile Test, Direction : Transversal, Gauge Length : 200 mm(Rectangular),  
 YP Method : 0.2 % off-set  
 \* Division - L : Ladle Analysis, P : Products Analysis  
 \* Supply Condition : As-Rolled unless otherwise Heat Treated.

This material has been fully killed and made by basic oxygen process. This material is fine grained steel.  
 Test Certificate is issued according to ISO 10474/EN 10204 3.1.  
 We hereby certify that the material herein has been made in accordance with the order and above specification.  
 Melted and Manufactured in Republic of Korea

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

Surveyor To :

Park, Junyoung

