



QINGDAO GLOBAL OVERSEAS IMP&EXP CO., LTD

Add: 4N Donghai Int'l Building, No.17 Huiquan Road, Qingdao, China

## MILL TEST CERTIFICATE

**Customer:** PRODALAM S.A.  
**Commodity:** PRESTRESSED CONCRETE STRAND  
**Nominal Diameter:** 15.24 MM  
**Standard:** ASTM A416/A416M-15  
**Production Licence No:** XK 05-003-00098  
**Page No:** 9/12  
**Inspection Date:** Jun.22th,2023  
**Invoice No:** PCLPID2305C  
**Container No.** GLDU9720300



| Mark<br>on<br>Coil | Coil No.  | Dia<br>MM | Section<br>Area<br>(mm <sup>2</sup> ) | Breaking<br>Load<br>(kN) | Tensile<br>Strength<br>MPA | 1%Extension<br>Yield Load<br>(kN) | Yield<br>Strength<br>MPA | Elongation<br>(%) | Modules of<br>Elasticity<br>GPA | Length<br>Approx.<br>Meter | Coil<br>Weight<br>KGS |
|--------------------|-----------|-----------|---------------------------------------|--------------------------|----------------------------|-----------------------------------|--------------------------|-------------------|---------------------------------|----------------------------|-----------------------|
| A9                 | 2306391-4 | 15.24     | 139.87                                | 273.3                    | 1952                       | 246.7                             | 1762                     | 5.2               | 194.3                           | 2632                       | 2930                  |
| A9                 | 2306391-6 | 15.24     | 139.87                                | 272.6                    | 1947                       | 247.5                             | 1768                     | 5.0               | 198.1                           | 2599                       | 2894                  |
| A9                 | 2306150-2 | 15.25     | 140.25                                | 269.8                    | 1927                       | 254.6                             | 1819                     | 5.5               | 191.1                           | 2829                       | 3148                  |
| A9                 | 2306150-3 | 15.25     | 140.25                                | 270.3                    | 1931                       | 256.1                             | 1829                     | 5.2               | 195.3                           | 2829                       | 3148                  |
| A9                 | 2306151-1 | 15.26     | 140.13                                | 274.7                    | 1962                       | 259.7                             | 1855                     | 5.1               | 198.1                           | 2838                       | 3158                  |
| A9                 | 2306151-2 | 15.26     | 140.13                                | 274.4                    | 1960                       | 254.2                             | 1816                     | 5.2               | 194.1                           | 2637                       | 2936                  |
| A9                 | 2306546-4 | 15.23     | 140.25                                | 271.6                    | 1940                       | 249.3                             | 1781                     | 5.3               | 195.6                           | 2453                       | 2732                  |
| A9                 | 2306546-5 | 15.23     | 140.25                                | 270.3                    | 1931                       | 255.1                             | 1822                     | 5.2               | 196.1                           | 2460                       | 2740                  |
| A9                 | 2306546-7 | 15.23     | 140.25                                | 271.1                    | 1936                       | 252.8                             | 1806                     | 5.4               | 196.4                           | 2554                       | 2844                  |

Filled by :Zhangchunting

Approved by : Shenyingsiang