

MILL TEST CERTIFICATE / CERTIFICATE OF INSPECTION

Cert. No. : NS7019P2-0037 Date : Sep. 20. 2017
 Order No. : NS7019P2 Reel No : 499-501
 P.O. No. : SH49-P4908 Sampling No : 499
 L/C No. : NS7019P2 SEP.20,17

1. TYPE / GRADE

Construction : 1 X 19 Diameter : 12.00 MM
 Grade : AISI 316 Length : 305 METER X 3 R/L
 Lay : RHRL Specification : DSR C 207

2. ROPE TEST RESULTS

| Items | Norminal or Specified | Actual |
|-------------------|---------------------------|-----------------------|
| Diameter | 12.00 ~ 12.60 MM | 12.16 MM |
| Breaking Strength | 118.58 KN | 122.99 KN |
| Lay Length | MAX 11.0 x Cable Dia | 8.53 x Cable Dia |
| Preforming | Good | Good |

3. WIRE TEST RESULTS

| Items No | Diameter | | Tensile Strength | |
|-------------|------------------|----------|------------------|------------|
| | Nominal | Actual | Nominal | Actual |
| 1 | 2.360 - 2.440 MM | 2.395 MM | 1420 N/mm2 | 1575 N/mm2 |
| | | | | |

Chemical Composition (%)

| Heat No | C | Si | Mn | P | S | Ni | Cr | Mo | | | |
|---------|-------|-------|-------|--------|--------|--------|--------|-------|--|--|--|
| S27880 | 0.059 | 0.388 | 1.586 | 0.0308 | 0.0088 | 10.730 | 17.033 | 2.012 | | | |

| | |
|-----------------------|--|
| Remark | |
| Actual B/S : 12550KGF | |



SEO 0991050

JIS G
3540(CRKR10005)

BY



Manager of Q. A Dept.

Comment : Manufactured in accordance with Quality Management System approved to ISO 9001 : 2008