

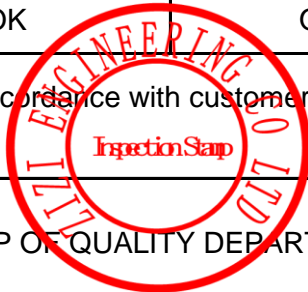


# ZIZI ENGINEERING CO LTD

## Inspection Certificate to BS EN10204-3.1

### MILL TEST CERTIFICATE

Website:www.zzfittings.com  
 Website:www.zzsteels.com  
 Email:info@zzsteels.com

| Purchaser: *****                 |  |               |                |       |       |                         | Purchase Order Number: ZWJ721 |    |      |       |   |  | Certificate Number: ZZ190425 |                  |     |          |
|----------------------------------|--|---------------|----------------|-------|-------|-------------------------|-------------------------------|----|------|-------|---|--|------------------------------|------------------|-----|----------|
| ITEM                             | PRODUCT  | SPECIFITCAION | MATERIAL       | UNIT  | QTY   | DELIVERY STATE          | STANDARD                      |    |      |       |   |  |                              |                  |     |          |
| ZZ190416                         | Union  | 1" 3000# SW   | ASTM A182 F316 | PCS   | 340   | Solution                | ASME B16.11                   |    |      |       |   |  |                              |                  |     |          |
|                                  |  |               |                |       |       |                         |                               |    |      |       |   |  |                              |                  |     |          |
|                                  |  |               |                |       |       |                         |                               |    |      |       |   |  |                              |                  |     |          |
| CHEMICAL COMPOSITION ( % )       |  |               |                |       |       |                         |                               |    |      |       |   | MECHANICAL PROPERTIES  |                              |                  |     |          |
| Heat No.                         | C  | Si            | Mn             | S     | P     | Cr                      | Ni                            | Ti | Mo   | V     | W | Cu   | T.S (Mpa)                    | Y.S (Mpa)        | E.L | HARDNESS |
| R387                             | 0.03   | 0.87          | 1.67           | 0.028 | 0.039 | 17.1                    | 12.3                          | /  | 2.32 | /     | / | /  | 535                          | 220              | 40  | /        |
|                                  |  |               |                |       |       |                         |                               |    |      |       |   |  |                              |                  |     |          |
|                                  |  |               |                |       |       |                         |                               |    |      |       |   |  |                              |                  |     |          |
| Flaring                          | Hydrotest  |               | Flattening     |       |       | Intergranular Corrosion |                               |    |      | N.D.E |   | Size (Measure)   |                              | Surface (Visual) |     |          |
| /                                | /  |               | OK             |       |       | OK                      |                               |    |      | OK    |   | OK   |                              |                  |     |          |
| Remark                           | We hereby certify that the material described has been manufactured,sampled,tested and examined in accordance with customer's requirements and EN10204 3.1 |               |                |       |       |                         |                               |    |      |       |   |  |                              |                  |     |          |
| CHIEF INSPECTOR: ZHENG XIAO JIAN |  |               |                |       |       |                         |                               |    |      |       |   | <br>STAMP OF QUALITY DEPARTMENT |                              |                  |     |          |
| DATE :25th April 2019            |  |               |                |       |       |                         |                               |    |      |       |   |  |                              |                  |     |          |