

DATE: 15th March 2019

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: ZWJ5920 | | | | | | | Certificate Number: ZZ190315 | | |
|----------------------------|--|------|--------|---------------|------------|------|----------|--------------------------------|-------|-------|---------------------|------|----------------|-----------|------------------------------|----------|--|
| ITEM | PRODUCT | | | SPECIFITCAION | | | MATERIAL | | UNIT | QTY | DELIVERY STATE | | STANDARD | | | | |
| ZZ190305 | Half Coupling | | | 1" BSPT 3000# | | | A105N | | PCS | 188 | Normalizing (900°C) | | ASME 16.11 | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| CHEMICAL COMPOSITIO | | | | | | | | ON (%) | | | | ME | | | CHANICAL PROPERTIES | | |
| Heat No. | С | Si | Mn | S | Р | Cr | Ni | Ti | Мо | V | W | Cu | T.S (Mpa) | Y.S (Mpa) | E.L | HARDNESS | |
| 2785 | 0.2 | 0.23 | 0.85 | 0.019 | 0.009 | 0.03 | 0.01 | 0.003 | 0.001 | 0.005 | 0.001 | 0.04 | 505 | 280 | 35 | 155 | |
| | | | | | | | | | | | | | | | | | |
| Flaring | Hydrotest | | | | Flattening | | | Intergranular Corrosion | | | | D.E | Size (Measure) | | Surface (Visual) | | |
| 1 | / | | | OK | | | 1 | | | | ОК | | OK NEE | | IN | OK | |
| Remark | We hereby certify that the material described has been manufacturered, sampled, tested and examinated in accordance with customer's requirements and EN10204 3.1 | | | | | | | | | | | | | | ner's | | |
| CHIEF INSPE | | | XIAO J | IAN | | | | | | | | | STAMF | OFQUALIT | Y DEP | ARTMENT | |