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Quality Certificate

No.: PO 2394348

-dia 6.0mm

1. Description:

| | | | |
|-------------------|---------------|-------------|--------------|
| Commodity | Material | Standard | Condition |
| Ti-6Al-4V ELI Bar | Ti-6Al-4V ELI | ASTM F136 | Annealed |
| Heat No. | Lot No. | Size | Weight |
| 210895 | 210895-1 | Ø6.0*2000mm | 10Kgs(40pcs) |

2. Chemical Composition (Wt%):

| Element | Ti | Al | V | Fe | C | N | O | H | Others | |
|------------|-----|-----------------|-----------------|-------|-------|-------|-------|--------|--------|-------|
| | | | | | | | | | Each | Total |
| Req (Max.) | Bal | 5.5 - 6.5 | 3.5 - 4.5 | 0.25 | 0.08 | 0.05 | 0.13 | 0.012 | 0.10 | 0.40 |
| Results | Bal | 6.26 | 4.26 | 0.022 | 0.005 | 0.003 | 0.113 | 0.0015 | < 0.1 | < 0.4 |

3. Mechanical Properties:

| Test Items | Tensile Strength Rm [Mpa] | Yield Strength Rp0.2 [Mpa] | Elongation A [%] | Area of Reduction Z [%] |
|--------------|---------------------------------|----------------------------------|------------------------|----------------------------------|
| Requirements | ≥860 | ≥795 | ≥10 | ≥25 |
| Results | 984 | 926 | 18 | 41 |

4. Other Test Items:

| Microstructure | Ultrasonic Test | Dimensional Inspection | Visual Inspection | Surface Contamination |
|----------------|-----------------|------------------------|-------------------|-----------------------|
| Qualified | Qualified | Qualified | Qualified | Clean |

5. Conclusion and Statement:

We hereby certify that these Titanium Ti-6Al-4V ELI bars/rods herein has been manufactured,sampled,tested,and inspected in accordance with ASTM F136 and other specified requirements of PO 2394348, and met these requirements.

| | | |
|------------------------------|------------------------------|------------------------------|
| Inspected by | Prepared by | Approved by |
| Michelle Zhang | Jimmy Liu | Jianyin Xu |
| Dec.20 th , 2021. | Dec.20 th , 2021. | Dec.20 th , 2021. |

END OF REPORT!