

## TOKO TECHNOLOGY (WUXI) CO., LTD MILL TEST CERTIFICATE

Certificate No.:TOKO220518

| 牌号PRODUCT    | 卑号PRODUCTS NO.: SAW WIRE EM12K ASME SFA5.17 证书编号 Certificate No.: 20220518B 用戶 |            |           |                      |            |          |       |       |       |       |    |                                | USER: | ·          |            |               |              |
|--------------|--|------------|-----------|----------------------|------------|----------|-------|-------|-------|-------|----|--------------------------------|-------|------------|------------|---------------|--------------|
| 元素           | 规格   | 净重         |           | 化学成分(%) 熔敷金属机械性能     |            |          |       |       |       |       |    |                                |       |            | 探伤检查       | 弯曲试验          |              |
| ELEMENTS     | SIZE   | N.W        |           | Chemical Composition |            |          |       |       |       |       |    | Performance of deposited Metal |       |            |            | x-ray inspect | bend test    |
|              | (MM)   | (Ton)      | С         | Si                   | Mn         | P        | S     | Cr    | Ni    | Cu    | Мо | Strength                       | Yield | Elongation | AKv(-20°C) |               |              |
|              |  |            |           |                      |            |          |       |       |       |       |    | (Rm)                           | (Rm)  | (%)        |            |               |              |
| 标准要求         |  |            | 0.06-0.15 | ≤0.07                | 0.8-1.10   | ≤0.03    | ≤0.03 | ≤0.02 | ≤0.02 | ≤0.02 |    | 415-550                        | ≥330  | ≥22        | ≥27        | Class I       | Qualified    |
| REQUIRED     |  |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
| 实测值          | 3.2  | 23.0       | 0.10      | 0.02                 | 0.98       | 0.013    | 0.010 | 0.012 | 0.010 | 0.012 |    | 470                            | 370   | 28         | 65         | Class I       | Qualified    |
| TEST RESULTS |  |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
| 备注(Note):    |  |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
|              | 1. 本产品执行 AWS A5.17 / A5.17 M-97(R2007)标准。                                      |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
|              | Application standard: AWS A.517 / A5.17 M-97(R2007)                            |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
|              | 2. 本企业通过ISO9001:2008质量体系认证。  |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
|              | Administration System: ISO9001:2008  |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
|              | 3. 本次供货量: 23000KGS   |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            | =             |              |
|              | The delivery is: 23000KGS  |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            |               |              |
|              | 4. 本证明书无质检章或复印无效。  |            |           |                      |            |          |       |       |       |       |    |                                |       |            | 量检验专用章     |               |              |
|              | The cert   | tificate w | ithout QC | stamp o              | r the copy | is not v | alid  |       |       |       |    |                                |       |            |            |               |              |
|              |  |            |           |                      |            |          |       |       |       |       |    |                                |       |            |            | Date          | 2022-05-18   |
|              |  |            |           |                      |            |          |       |       |       |       |    |                                |       |            | ТОКО ТЕС   | HNOLOGY(W     | UXI) CO.,LTD |

The information contained or otherwise referenced herein is presented only as "typical" without guarantee or warranty, and TOKO Corporation expressly disclaims any liability incurred from any reliance thereon. Typical data and Test results for mechanical properties, deposit or electrode composition and other properties were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.