仅供参考

表x-x 工况一挠度原始数据处理表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 初始读数 | 满载 | 退载 | 总挠度 | 弹性挠度 | 残余变形 |
| A-1 | 162.82 | 164.67 | 162.81 | 1.85 | 1.85 | 0.00 |
| A-2 | 95.71 | 108.15 | 106.13 | 12.44 | 2.02 | 10.42 |
| A-3 | 76.95 | 79.67 | 77.26 | 2.72 | 2.41 | 0.31 |
| A-4 | -259.81 | -257.45 | -259.83 | 2.36 | 2.36 | 0.00 |
| B-1 | -158.90 | -158.42 | -158.90 | 0.48 | 0.48 | 0.00 |

表x-x 工况一挠度检测结果汇总表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 总变形 | 弹性变形 | 残余变形 | 满载理论值(mm) | 校验系数 | 相对残余变形(%) |
| A-1 | 1.85 | 1.85 | 0.00 | 2.00 | 0.92 | 0.00% |
| A-2 | 12.44 | 2.02 | 10.42 | 2.00 | 1.01 | 83.76% |
| A-3 | 2.72 | 2.41 | 0.31 | 2.00 | 1.21 | 11.40% |
| A-4 | 2.36 | 2.36 | 0.00 | 2.00 | 1.18 | 0.00% |
| B-1 | 0.48 | 0.48 | 0.00 | 2.00 | 0.24 | 0.00% |

表x-x 工况一应变原始数据处理表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 模数R | 温度T | 模数R | 温度T | 模数R | 温度T | ΔR | ΔT | ΔR | ΔT | 总应变 | 弹性应变 | 残余应变 |
| A-1 | 689.3 | 13.2 | 700.8 | 13.2 | 689.3 | 13.2 | 11.5 | 0.0 | 0.0 | 0.0 | 43.4 | 43.4 | 0.0 |
| A-2 | 663.4 | 13.3 | 676.7 | 13.7 | 664.6 | 13.5 | 13.3 | 0.4 | 1.2 | 0.2 | 50.9 | 46.0 | 4.9 |
| A-3 | 598.1 | 13.2 | 608.8 | 13.5 | 598.3 | 13.4 | 10.7 | 0.3 | 0.2 | 0.2 | 40.9 | 39.8 | 1.1 |
| A-4 | 678.8 | 13.4 | 690.7 | 13.6 | 679.0 | 13.5 | 11.9 | 0.2 | 0.2 | 0.1 | 45.3 | 44.3 | 0.9 |
| B-1 | 732.8 | 13.6 | 729.2 | 13.9 | 732.3 | 13.9 | -3.6 | 0.3 | -0.5 | 0.3 | -13.0 | -11.7 | -1.3 |
| B-2 | 681.5 | 13.5 | 678.2 | 13.8 | 681.0 | 13.7 | -3.3 | 0.3 | -0.5 | 0.2 | -11.9 | -10.4 | -1.5 |
| B-3 | 713.0 | 13.3 | 712.9 | 13.6 | 713.0 | 13.4 | -0.1 | 0.3 | 0.0 | 0.1 | 0.2 | 0.0 | 0.2 |
| B-4 | 629.8 | 13.2 | 625.9 | 13.5 | 629.1 | 13.4 | -3.9 | 0.3 | -0.7 | 0.2 | -14.2 | -11.9 | -2.3 |

表x-x 工况一应变检测结果汇总表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 总应变 | 弹性应变 | 残余应变 | 满载应力理论值（MPa） | 满载理论值(με) | 校验系数 | 相对残余应变(%) |
| A-1 | 43.4 | 43.4 | 0.0 | 0.0 | 43.0 | 1.01 | 0.00% |
| A-2 | 50.9 | 46.0 | 4.9 | 0.0 | 43.0 | 1.07 | 9.60% |
| A-3 | 40.9 | 39.8 | 1.1 | 0.0 | 43.0 | 0.93 | 2.72% |
| A-4 | 45.3 | 44.3 | 0.9 | 0.0 | 43.0 | 1.03 | 2.06% |
| B-1 | -13.0 | -11.7 | -1.3 | 0.0 | -30.0 | 0.39 | 10.32% |
| B-2 | -11.9 | -10.4 | -1.5 | 0.0 | -30.0 | 0.35 | 12.82% |
| B-3 | 0.2 | 0.0 | 0.2 | 0.0 | -30.0 | 0.00 | 110.71% |
| B-4 | -14.2 | -11.9 | -2.3 | 0.0 | -30.0 | 0.40 | 16.09% |

表x-x 工况二挠度原始数据处理表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 初始读数 | 满载 | 退载 | 总挠度 | 弹性挠度 | 残余变形 |
| C-1 | 805.60 | 807.62 | 805.64 | 2.02 | 1.98 | 0.04 |
| C-2 | 759.15 | 761.29 | 759.76 | 2.14 | 1.53 | 0.61 |
| C-3 | 716.20 | 718.28 | 716.55 | 2.08 | 1.73 | 0.35 |
| C-4 | 378.35 | 380.76 | 378.65 | 2.41 | 2.11 | 0.30 |

表x-x 工况二挠度检测结果汇总表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 总变形 | 弹性变形 | 残余变形 | 满载理论值(mm) | 校验系数 | 相对残余变形(%) |
| C-1 | 2.02 | 1.98 | 0.04 | 2.00 | 0.99 | 1.98% |
| C-2 | 2.14 | 1.53 | 0.61 | 2.00 | 0.76 | 28.50% |
| C-3 | 2.08 | 1.73 | 0.35 | 2.00 | 0.87 | 16.83% |
| C-4 | 2.41 | 2.11 | 0.30 | 2.00 | 1.06 | 12.45% |

表x-x 工况二应变原始数据处理表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 模数R | 温度T | 模数R | 温度T | 模数R | 温度T | ΔR | ΔT | ΔR | ΔT | 总应变 | 弹性应变 | 残余应变 |
| C-1 | 591.6 | 13.3 | 602.7 | 13.3 | 591.6 | 13.3 | 11.1 | 0.0 | 0.0 | 0.0 | 41.9 | 41.9 | 0.0 |
| C-2 | 579.2 | 13.3 | 585.8 | 13.2 | 579.6 | 13.3 | 6.6 | -0.1 | 0.4 | 0.0 | 24.7 | 23.2 | 1.5 |
| C-3 | 705.9 | 13.5 | 718.5 | 13.4 | 707.1 | 13.4 | 12.6 | -0.1 | 1.2 | -0.1 | 47.4 | 43.0 | 4.3 |
| C-4 | 664.6 | 13.3 | 674.4 | 13.2 | 665.4 | 13.2 | 9.8 | -0.1 | 0.8 | -0.1 | 36.8 | 34.0 | 2.8 |

表x-x 工况二应变检测结果汇总表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 测点号 | 总应变 | 弹性应变 | 残余应变 | 满载应力理论值（MPa） | 满载理论值(με) | 校验系数 | 相对残余应变(%) |
| C-1 | 41.9 | 41.9 | 0.0 | 0.0 | 43.0 | 0.97 | 0.00% |
| C-2 | 24.7 | 23.2 | 1.5 | 0.0 | 43.0 | 0.54 | 6.10% |
| C-3 | 47.4 | 43.0 | 4.3 | 0.0 | 43.0 | 1.00 | 9.18% |
| C-4 | 36.8 | 34.0 | 2.8 | 0.0 | 43.0 | 0.79 | 7.71% |