

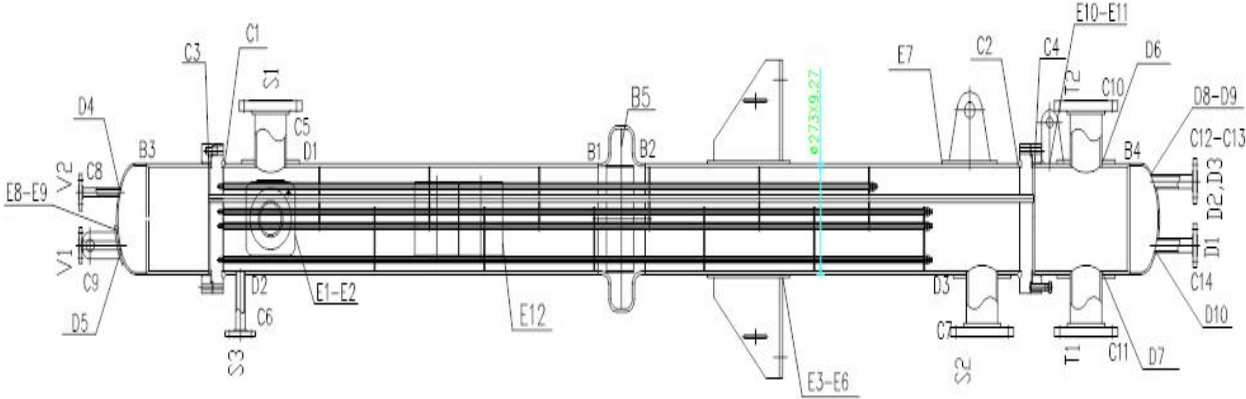
## PMI REPORT

PROJECT: WORPAR

ITEM: W521HW

## 1、WELD MAP

Weld Map  
焊缝分布图文件编号 Doc No: **WZA21-24** Rev. 0

| WXZC                                                                                 |                                               | 焊缝分布图<br>Weld Map         |                     |                 | 第 1 页 共 4 页<br>PAGE 1 OF 4 |
|--------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------|---------------------|-----------------|----------------------------|
| 产品名称<br>JOB NAME                                                                     | 软水蒸汽换热器<br>SOFT WATER/STEAM HEAT<br>EXCHANGER | 产品图号/版本号<br>DWG. No./Rev. | <b>WXZC21A17-00</b> | 生产令号<br>JOB NO. | <b>WZA21-24</b>            |
|  |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |
|                                                                                      |                                               |                           |                     |                 |                            |



志成装备

ZHICHENG  
2、PMI

Report

无锡市志成生化工程装备有限公司  
Wuxi Zhicheng Biochemical Engineering Equipment Co.,Ltd.

|                             |  |  |  |                               |  |  |  |  |  |  |  |  |  |
|-----------------------------|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|
| PMI REQUEST BY: LUWEI       |  |  |  | PURCHASE ORDER NUMBER         |  |  |  |  |  |  |  |  |  |
| SIGNATURE: LUWEI            |  |  |  | P0619006                      |  |  |  |  |  |  |  |  |  |
| DATE: 21.8.7                |  |  |  |                               |  |  |  |  |  |  |  |  |  |
| PMI PERFORMED BY: PUJINBIAO |  |  |  | PMI WILL BE/WAS PERFORMED AT: |  |  |  |  |  |  |  |  |  |
| SIGNATURE: PUJINBIAO        |  |  |  | Materials to the factory      |  |  |  |  |  |  |  |  |  |
| DATE: 21.8.7                |  |  |  |                               |  |  |  |  |  |  |  |  |  |

| ITEM OR<br>TAG<br>NUMBER | SAMPLE<br>SIZE | MATERIAL      | MILL<br>CERT.<br>NUMBER | HEAT<br>NUMBER | DESCRIPTION                        |
|--------------------------|----------------|---------------|-------------------------|----------------|------------------------------------|
| 1                        | /              | SA-312 TP304  | 2021-7-26-002           | YX2006-2163    | Shell (include head and expansion) |
| 2                        | /              | SA-312 TP304  | 2021-7-26-002           | YX2006-2163    | Channel shell                      |
| 3                        | /              | SA-240 304    | 0044944878591388        | A0001123       | tubesheet                          |
| 4                        | /              | SA-213 TP304L | 2021-08-0806            | NY210413AS03   | tubes                              |
| 5                        | /              | SA-182 F304   | IC-ZLFL-2021A1302-2-1   | J210122-6      | Channel flange                     |
| 6                        | /              | SA-312 TP304  | 2021-05-20-001          | YX2006-2001    | Nozzle $\phi 114.3 \times 6.02$    |
| 7                        | /              | SA-312 TP304  | 2021-7-26-002           | YX2006-2121    | Nozzle $\phi 21.3 \times 2.77$     |
| 8                        | /              | SA-312 TP304  | 2021-7-26-002           | YX2006-2121    | Nozzle $\phi 33.4 \times 3.38$     |
|                          |                |               |                         |                |                                    |
|                          |                |               |                         |                |                                    |

| EXAMINATION RESULTS      |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |
|--------------------------|---------------------------|-----------------------------|--------------------------|---------------------------|---------------------------------|----|------|---|----|----|----|----|---|
| ITEM OR<br>TAG<br>NUMBER | NO. OF<br>PIECES<br>EXAM. | NO. OF<br>PIECES<br>ACCEPT. | NO. OF<br>PIECES<br>REJ. | MATERIAL<br>IDENTIFIED AS | Chemical Composition Percentage |    |      |   |    |    |    |    |   |
|                          |                           |                             |                          |                           | Cr                              | Mo | Ni   | C | Ti | Cb | Cu | Fe | V |
| 1                        | shell                     | ACC                         | /                        | SA-312 TP304              | 18.18                           |    | 8.29 |   |    |    |    |    |   |
| 2                        | Channel shell             | ACC                         | /                        | SA-312 TP304              | 18.18                           |    | 8.29 |   |    |    |    |    |   |
| 3                        | tubesheet                 | ACC                         | /                        | SA-240 304                | 18.08                           |    | 8.17 |   |    |    |    |    |   |
| 4                        | tubes                     | ACC                         | /                        | SA-213 TP304L             | 18.23                           |    | 8.13 |   |    |    |    |    |   |
| 5                        | Channel flange            | ACC                         | /                        | SA-182 F304               | 18.06                           |    | 8.05 |   |    |    |    |    |   |
| 6                        | nozzle                    | ACC                         | /                        | SA-312 TP304              | 18.30                           |    | 8.17 |   |    |    |    |    |   |
| 7                        | nozzle                    | ACC                         | /                        | SA-312 TP304              | 18.34                           |    | 8.17 |   |    |    |    |    |   |
| 8                        | nozzle                    | ACC                         | /                        | SA-312 TP304              | 18.04                           |    | 8.13 |   |    |    |    |    |   |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |

|                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ADDRESS OF SELLER RESPONSIBLE FOR REJECTION(S): NA                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDITIONAL INFORMATION : NA                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANHOURS AND LOSS INCURRED FROM REJECTIONS, ETC.: NA                                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: right;"> PMI Supervisor      <u>LUWEI    21.8.7</u><br/> Signature/Date </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |



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|-----------------------------|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|
| PMI REQUEST BY: LULEI       |  |  | PURCHASE ORDER NUMBER         |  |  |  |  |  |  |  |  |  |
| SIGNATURE: LULEI            |  |  | P0619006                      |  |  |  |  |  |  |  |  |  |
| DATE: 21.8.20               |  |  |                               |  |  |  |  |  |  |  |  |  |
| PMI PERFORMED BY: PUJINBIAO |  |  | PMI WILL BE/WAS PERFORMED AT: |  |  |  |  |  |  |  |  |  |
| SIGNATURE: PUJINBIAO        |  |  | After welding                 |  |  |  |  |  |  |  |  |  |
| DATE: 21.8.20               |  |  |                               |  |  |  |  |  |  |  |  |  |

| ITEM OR<br>TAG<br>NUMBER | SAMPLE<br>SIZE | MATERIAL | MILL<br>CERT.<br>NUMBER | HEAT<br>NUMBER | DESCRIPTION |
|--------------------------|----------------|----------|-------------------------|----------------|-------------|
| 1                        | /              | ER308    | W200169                 | 20-99013       | B1          |
| 2                        | /              | ER308    | W200169                 | 20-99013       | B2          |
| 3                        | /              | ER308    | W200169                 | 20-99013       | B3          |
| 4                        | /              | ER308    | W200169                 | 20-99013       | B4          |
| 5                        | /              | ER308    | W200169                 | 20-99013       | B5          |
| 6                        | /              | ER308    | W200169                 | 20-99013       | C1          |
| 7                        | /              | ER308    | W200169                 | 20-99013       | C2          |
| 8                        | /              | ER308    | W200169                 | 20-99013       | C3          |

| EXAMINATION RESULTS      |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |
|--------------------------|---------------------------|-----------------------------|--------------------------|---------------------------|---------------------------------|----|------|---|----|----|----|----|---|
| ITEM OR<br>TAG<br>NUMBER | NO. OF<br>PIECES<br>EXAM. | NO. OF<br>PIECES<br>ACCEPT. | NO. OF<br>PIECES<br>REJ. | MATERIAL<br>IDENTIFIED AS | Chemical Composition Percentage |    |      |   |    |    |    |    |   |
|                          |                           |                             |                          |                           | Cr                              | Mo | Ni   | C | Ti | Cb | Cu | Fe | V |
| 1                        | B1                        | ACC                         | /                        | ER308                     | 19.55                           |    | 9.52 |   |    |    |    |    |   |
| 2                        | B2                        | ACC                         | /                        | ER308                     | 19.52                           |    | 9.32 |   |    |    |    |    |   |
| 3                        | B3                        | ACC                         | /                        | ER308                     | 18.66                           |    | 8.94 |   |    |    |    |    |   |
| 4                        | B4                        | ACC                         | /                        | ER308                     | 19.64                           |    | 9.21 |   |    |    |    |    |   |
| 5                        | B5                        | ACC                         | /                        | ER308                     | 19.62                           |    | 9.06 |   |    |    |    |    |   |
| 6                        | C1                        | ACC                         | /                        | ER308                     | 18.92                           |    | 9.82 |   |    |    |    |    |   |
| 7                        | C2                        | ACC                         | /                        | ER308                     | 18.90                           |    | 9.53 |   |    |    |    |    |   |
| 8                        | C3                        | ACC                         | /                        | ER308                     | 19.57                           |    | 9.74 |   |    |    |    |    |   |

|                                                                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ADDRESS OF SELLER RESPONSIBLE FOR REJECTION(S): NA                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDITIONAL INFORMATION: NA                                                                                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANHOURS AND LOSS INCURRED FROM REJECTIONS, ETC. NA                                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: right; margin-right: 100px;"> PMI Supervisor     <u>LUWEI</u>     <u>21.8.20</u><br/> Signature/Date </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |



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|                             |  |  |                               |  |  |  |
|-----------------------------|--|--|-------------------------------|--|--|--|
| PMI REQUEST BY: LULEI       |  |  | PURCHASE ORDER NUMBER         |  |  |  |
| SIGNATURE: LULEI            |  |  | P0619006                      |  |  |  |
| DATE: 21.8.2                |  |  |                               |  |  |  |
| PMI PERFORMED BY: PUJINBIAO |  |  | PMI WILL BE/WAS PERFORMED AT: |  |  |  |
| SIGNATURE: PUJINBIAO        |  |  | After welding                 |  |  |  |
| DATE: 21.8.2                |  |  |                               |  |  |  |

| ITEM OR<br>TAG<br>NUMBER | SAMPLE<br>SIZE | MATERIAL | MILL<br>CERT.<br>NUMBER | HEAT<br>NUMBER | DESCRIPTION |
|--------------------------|----------------|----------|-------------------------|----------------|-------------|
| 1                        | /              | ER308    | W200169                 | 20-99013       | C4          |
| 2                        | /              | ER308    | W200169                 | 20-99013       | C5          |
| 3                        | /              | ER308    | W200169                 | 20-99013       | C6          |
| 4                        | /              | ER308    | W200169                 | 20-99013       | C7          |
| 5                        | /              | ER308    | W200169                 | 20-99013       | C8          |
| 6                        | /              | ER308    | W200169                 | 20-99013       | C9          |
| 7                        | /              | ER308    | W200169                 | 20-99013       | C10         |
| 8                        | /              | ER308    | W200169                 | 20-99013       | C11         |

| EXAMINATION RESULTS      |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|--------------------------|---------------------------|-----------------------------|--------------------------|---------------------------|---------------------------------|----|------|---|----|----|----|----|---|--|
| ITEM OR<br>TAG<br>NUMBER | NO. OF<br>PIECES<br>EXAM. | NO. OF<br>PIECES<br>ACCEPT. | NO. OF<br>PIECES<br>REJ. | MATERIAL<br>IDENTIFIED AS | Chemical Composition Percentage |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           | Cr                              | Mo | Ni   | C | Ti | Cb | Cu | Fe | V |  |
| 1                        | C4                        | ACC                         | /                        | ER308                     | 19.16                           |    | 9.45 |   |    |    |    |    |   |  |
| 2                        | C5                        | ACC                         | /                        | ER308                     | 19.74                           |    | 8.77 |   |    |    |    |    |   |  |
| 3                        | C6                        | ACC                         | /                        | ER308                     | 19.04                           |    | 9.42 |   |    |    |    |    |   |  |
| 4                        | C7                        | ACC                         | /                        | ER308                     | 19.41                           |    | 8.68 |   |    |    |    |    |   |  |
| 5                        | C8                        | ACC                         | /                        | ER308                     | 19.12                           |    | 9.33 |   |    |    |    |    |   |  |
| 6                        | C9                        | ACC                         | /                        | ER308                     | 19.29                           |    | 9.19 |   |    |    |    |    |   |  |
| 7                        | C10                       | ACC                         | /                        | ER308                     | 18.89                           |    | 9.19 |   |    |    |    |    |   |  |
| 8                        | C11                       | ACC                         | /                        | ER308                     | 18.75                           |    | 8.96 |   |    |    |    |    |   |  |

|                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ADDRESS OF SELLER RESPONSIBLE FOR REJECTION(S): NA                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDITIONAL INFORMATION: NA                                                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANHOURS AND LOSS INCURRED FROM REJECTIONS, ETC. NA                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: right; margin-right: 100px;"> PMI Supervisor     <u>LUWEI    21.8.2</u><br/> Signature/Date </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |



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|-----------------------------|--|--|-------------------------------|--|--|--|
| PMI REQUEST BY: LULEI       |  |  | PURCHASE ORDER NUMBER         |  |  |  |
| SIGNATURE: LULEI            |  |  | P0619006                      |  |  |  |
| DATE: 21.9.20               |  |  |                               |  |  |  |
| PMI PERFORMED BY: PUJINBIAO |  |  | PMI WILL BE/WAS PERFORMED AT: |  |  |  |
| SIGNATURE: PUJINBIAO        |  |  | After welding                 |  |  |  |
| DATE: 21.9.20               |  |  |                               |  |  |  |

| ITEM OR<br>TAG<br>NUMBER | SAMPLE<br>SIZE | MATERIAL | MILL<br>CERT.<br>NUMBER | HEAT<br>NUMBER | DESCRIPTION |
|--------------------------|----------------|----------|-------------------------|----------------|-------------|
| 1                        | /              | ER308    | W200169                 | 20-99013       | C12         |
| 2                        | /              | ER308    | W200169                 | 20-99013       | C13         |
| 3                        | /              | ER308    | W200169                 | 20-99013       | C14         |
| 4                        | /              | ER308    | W200169                 | 20-99013       | D1          |
| 5                        | /              | ER308    | W200169                 | 20-99013       | D2          |
| 6                        | /              | ER308    | W200169                 | 20-99013       | D3          |
| 7                        | /              | ER308    | W200169                 | 20-99013       | D4          |
| 8                        | /              | ER308    | W200169                 | 20-99013       | D5          |

| EXAMINATION RESULTS      |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |
|--------------------------|---------------------------|-----------------------------|--------------------------|---------------------------|---------------------------------|----|------|---|----|----|----|----|---|
| ITEM OR<br>TAG<br>NUMBER | NO. OF<br>PIECES<br>EXAM. | NO. OF<br>PIECES<br>ACCEPT. | NO. OF<br>PIECES<br>REJ. | MATERIAL<br>IDENTIFIED AS | Chemical Composition Percentage |    |      |   |    |    |    |    |   |
|                          |                           |                             |                          |                           | Cr                              | Mo | Ni   | C | Ti | Cb | Cu | Fe | V |
| 1                        | C12                       | ACC                         | /                        | ER308                     | 18.89                           |    | 9.26 |   |    |    |    |    |   |
| 2                        | C13                       | ACC                         | /                        | ER308                     | 19.31                           |    | 9.29 |   |    |    |    |    |   |
| 3                        | C14                       | ACC                         | /                        | ER308                     | 19.47                           |    | 8.62 |   |    |    |    |    |   |
| 4                        | D1                        | ACC                         | /                        | ER308                     | 19.12                           |    | 9.31 |   |    |    |    |    |   |
| 5                        | D2                        | ACC                         | /                        | ER308                     | 19.26                           |    | 9.12 |   |    |    |    |    |   |
| 6                        | D3                        | ACC                         | /                        | ER308                     | 19.72                           |    | 8.50 |   |    |    |    |    |   |
| 7                        | D4                        | ACC                         | /                        | ER308                     | 18.96                           |    | 9.34 |   |    |    |    |    |   |
| 8                        | D5                        | ACC                         | /                        | ER308                     | 19.39                           |    | 9.30 |   |    |    |    |    |   |

|                                                                                                                                                                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ADDRESS OF SELLER RESPONSIBLE FOR REJECTION(S): NA                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDITIONAL INFORMATION: NA                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANHOURS AND LOSS INCURRED FROM REJECTIONS, ETC. NA                                                                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: right; margin-right: 100px;"> PMI Supervisor    <u>LUWEI</u>    <u>21.</u> </div> <div style="text-align: right; margin-right: 100px;"> Signature/Date </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |



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|                             |  |  |                               |  |  |  |
|-----------------------------|--|--|-------------------------------|--|--|--|
| PMI REQUEST BY: LULEI       |  |  | PURCHASE ORDER NUMBER         |  |  |  |
| SIGNATURE: LULEI            |  |  | P0619006                      |  |  |  |
| DATE: 21.9.20               |  |  |                               |  |  |  |
| PMI PERFORMED BY: PUJINBIAO |  |  | PMI WILL BE/WAS PERFORMED AT: |  |  |  |
| SIGNATURE: PUJINBIAO        |  |  | After welding                 |  |  |  |
| DATE: 21.9.20               |  |  |                               |  |  |  |

| ITEM OR TAG NUMBER | SAMPLE SIZE | MATERIAL | MILL CERT. NUMBER | HEAT NUMBER | DESCRIPTION |
|--------------------|-------------|----------|-------------------|-------------|-------------|
| 1                  | /           | ER308    | W200169           | 20-99013    | D6          |
| 2                  | /           | ER308    | W200169           | 20-99013    | D7          |
| 3                  | /           | ER308    | W200169           | 20-99013    | D8          |
| 4                  | /           | ER308    | W200169           | 20-99013    | D9          |
| 5                  | /           | ER308    | W200169           | 20-99013    | D10         |
| 6                  | /           | ER308    | W200169           | 20-99013    | E1          |
| 7                  | /           | ER308    | W200169           | 20-99013    | E2          |
| 8                  | /           | ER308    | W200169           | 20-99013    | E3          |

| EXAMINATION RESULTS |                     |                       |                    |                        |                                 |    |      |   |    |    |    |    |   |
|---------------------|---------------------|-----------------------|--------------------|------------------------|---------------------------------|----|------|---|----|----|----|----|---|
| ITEM OR TAG NUMBER  | NO. OF PIECES EXAM. | NO. OF PIECES ACCEPT. | NO. OF PIECES REJ. | MATERIAL IDENTIFIED AS | Chemical Composition Percentage |    |      |   |    |    |    |    |   |
|                     |                     |                       |                    |                        | Cr                              | Mo | Ni   | C | Ti | Cb | Cu | Fe | V |
| 1                   | D6                  | ACC                   | /                  | ER308                  | 18.60                           |    | 8.45 |   |    |    |    |    |   |
| 2                   | D7                  | ACC                   | /                  | ER308                  | 19.14                           |    | 9.21 |   |    |    |    |    |   |
| 3                   | D8                  | ACC                   | /                  | ER308                  | 18.70                           |    | 9.57 |   |    |    |    |    |   |
| 4                   | D9                  | ACC                   | /                  | ER308                  | 18.85                           |    | 9.80 |   |    |    |    |    |   |
| 5                   | D10                 | ACC                   | /                  | ER308                  | 18.75                           |    | 8.96 |   |    |    |    |    |   |
| 6                   | E1                  | ACC                   | /                  | ER308                  | 19.34                           |    | 9.32 |   |    |    |    |    |   |
| 7                   | E2                  | ACC                   | /                  | ER308                  | 19.13                           |    | 9.99 |   |    |    |    |    |   |
| 8                   | E3                  | ACC                   | /                  | ER308                  | 19.22                           |    | 9.00 |   |    |    |    |    |   |

|                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ADDRESS OF SELLER RESPONSIBLE FOR REJECTION(S): NA                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDITIONAL INFORMATION: NA                                                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANHOURS AND LOSS INCURRED FROM REJECTIONS, ETC. NA                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: right; margin-right: 100px;"> PMI Supervisor    <u>LUWEI</u>    21.____<br/> Signature/Date </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |



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| PMI REQUEST BY: LULEI       |  |  | PURCHASE ORDER NUMBER         |  |  |  |
| SIGNATURE: LULEI            |  |  | P0619006                      |  |  |  |
| DATE: 21.9.20               |  |  |                               |  |  |  |
| PMI PERFORMED BY: PUJINBIAO |  |  | PMI WILL BE/WAS PERFORMED AT: |  |  |  |
| SIGNATURE: PUJINBIAO        |  |  | After welding                 |  |  |  |
| DATE: 21.                   |  |  |                               |  |  |  |

| ITEM OR TAG NUMBER | SAMPLE SIZE | MATERIAL | MILL CERT. NUMBER | HEAT NUMBER | DESCRIPTION |
|--------------------|-------------|----------|-------------------|-------------|-------------|
| 1                  | /           | ER308    | W200169           | 20-99013    | E4          |
| 2                  | /           | ER308    | W200169           | 20-99013    | E5          |
| 3                  | /           | ER308    | W200169           | 20-99013    | E6          |
| 4                  | /           | ER308    | W200169           | 20-99013    | E7          |
| 5                  | /           | ER308    | W200169           | 20-99013    | E8          |
| 6                  | /           | ER308    | W200169           | 20-99013    | E9          |
| 7                  | /           | ER308    | W200169           | 20-99013    | E10         |
| 8                  | /           | ER308    | W200169           | 20-99013    | E11         |

| EXAMINATION RESULTS |                     |                       |                    |                        |                                 |    |      |   |    |    |    |    |   |
|---------------------|---------------------|-----------------------|--------------------|------------------------|---------------------------------|----|------|---|----|----|----|----|---|
| ITEM OR TAG NUMBER  | NO. OF PIECES EXAM. | NO. OF PIECES ACCEPT. | NO. OF PIECES REJ. | MATERIAL IDENTIFIED AS | Chemical Composition Percentage |    |      |   |    |    |    |    |   |
|                     |                     |                       |                    |                        | Cr                              | Mo | Ni   | C | Ti | Cb | Cu | Fe | V |
| 1                   | E4                  | ACC                   | /                  | ER308                  | 18.92                           |    | 9.52 |   |    |    |    |    |   |
| 2                   | E5                  | ACC                   | /                  | ER308                  | 18.95                           |    | 9.23 |   |    |    |    |    |   |
| 3                   | E6                  | ACC                   | /                  | ER308                  | 18.85                           |    | 9.30 |   |    |    |    |    |   |
| 4                   | E7                  | ACC                   | /                  | ER308                  | 19.39                           |    | 9.80 |   |    |    |    |    |   |
| 5                   | E8                  | ACC                   | /                  | ER308                  | 19.65                           |    | 9.52 |   |    |    |    |    |   |
| 6                   | E9                  | ACC                   | /                  | ER308                  | 18.80                           |    | 9.59 |   |    |    |    |    |   |
| 7                   | E10                 | ACC                   | /                  | ER308                  | 18.23                           |    | 8.75 |   |    |    |    |    |   |
| 8                   | E11                 | ACC                   | /                  | ER308                  | 18.84                           |    | 9.14 |   |    |    |    |    |   |

|                                                                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ADDRESS OF SELLER RESPONSIBLE FOR REJECTION(S): NA                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDITIONAL INFORMATION: NA                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANHOURS AND LOSS INCURRED FROM REJECTIONS, ETC. NA                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: right; margin-top: 20px;"> PMI Supervisor    <u>LUWEI    21.9.20</u><br/> Signature/Date </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |



无锡市志成生化工程装备有限公司  
Wuxi Zhicheng Biochemical Engineering Equipment Co.,Ltd.

|                             |  |  |                               |  |  |  |
|-----------------------------|--|--|-------------------------------|--|--|--|
| PMI REQUEST BY: LULEI       |  |  | PURCHASE ORDER NUMBER         |  |  |  |
| SIGNATURE: LULEI            |  |  | P0619006                      |  |  |  |
| DATE: 21.9.20               |  |  |                               |  |  |  |
| PMI PERFORMED BY: PUJINBIAO |  |  | PMI WILL BE/WAS PERFORMED AT: |  |  |  |
| SIGNATURE: PUJINBIAO        |  |  | After welding                 |  |  |  |
| DATE: 21.9.20               |  |  |                               |  |  |  |

| ITEM OR<br>TAG<br>NUMBER | SAMPLE<br>SIZE | MATERIAL | MILL<br>CERT.<br>NUMBER | HEAT<br>NUMBER | DESCRIPTION |
|--------------------------|----------------|----------|-------------------------|----------------|-------------|
| 1                        | /              | ER308    | W200169                 | 20-99013       | E12         |
|                          |                |          |                         |                |             |
|                          |                |          |                         |                |             |
|                          |                |          |                         |                |             |
|                          |                |          |                         |                |             |
|                          |                |          |                         |                |             |
|                          |                |          |                         |                |             |
|                          |                |          |                         |                |             |
|                          |                |          |                         |                |             |

| EXAMINATION RESULTS      |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|--------------------------|---------------------------|-----------------------------|--------------------------|---------------------------|---------------------------------|----|------|---|----|----|----|----|---|--|
| ITEM OR<br>TAG<br>NUMBER | NO. OF<br>PIECES<br>EXAM. | NO. OF<br>PIECES<br>ACCEPT. | NO. OF<br>PIECES<br>REJ. | MATERIAL<br>IDENTIFIED AS | Chemical Composition Percentage |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           | Cr                              | Mo | Ni   | C | Ti | Cb | Cu | Fe | V |  |
| 1                        | E12                       | ACC                         | /                        | ER308                     | 19.33                           |    | 9.28 |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |
|                          |                           |                             |                          |                           |                                 |    |      |   |    |    |    |    |   |  |

|                                                                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ADDRESS OF SELLER RESPONSIBLE FOR REJECTION(S): NA                                                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDITIONAL INFORMATION: NA                                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANHOURS AND LOSS INCURRED FROM REJECTIONS, ETC. NA                                                                         |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: right; margin-right: 100px;"> PMI Supervisor    <u>LUWEI    21. 9.20</u><br/> Signature/Date </div> |  |  |  |  |  |  |  |  |  |  |  |  |  |



**志成装备**  
ZHICHENG

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Wuxi Zhicheng Biochemical Engineering Equipment Co., Ltd.

### 3、PMI 检测照片



PLATE 304/4mm

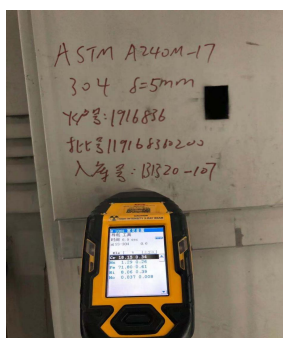


PLATE 304/5mm

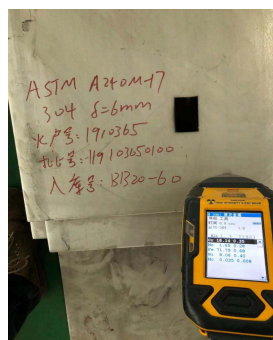


PLATE 304/6mm

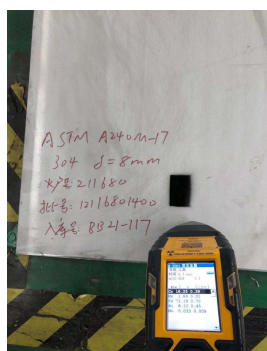


PLATE 304/8mm



PLATE 304/10mm



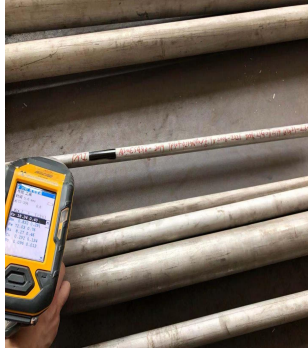
TUBES



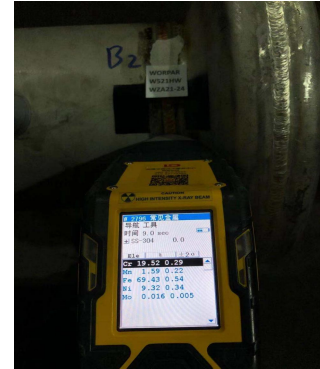
TUBESHEET



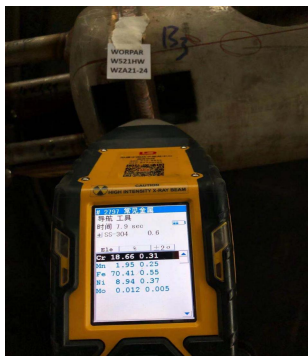
CHANNEL FLANGE

NOZZLE 304  $\phi$  21.3NOZZLE 304  $\phi$  33NOZZLE 304  $\phi$  114NOZZLE 304  $\phi$  273

WELD B1



WELD B2



WELD B3



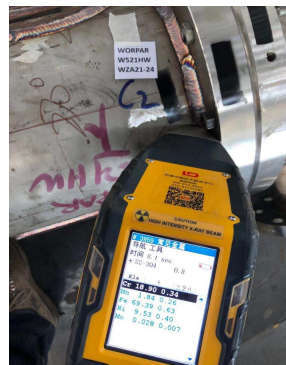
WELD B4



WELD B5



WELD C1



WELD C2



WELD C3



NWELD C4



WELD C5



WELD C6



WELD C7



WELD C8



WELD C9



WELD C10



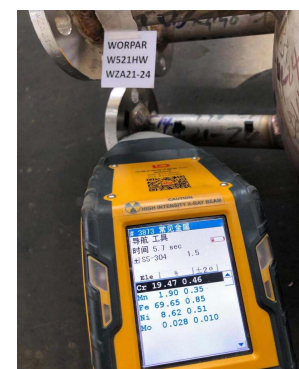
WELD C11



WELD C12



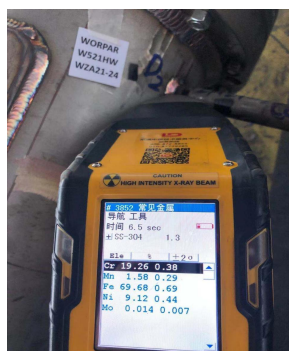
WELD C13



WELD C14



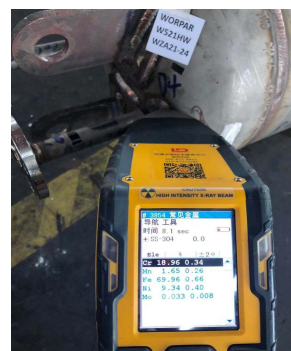
WELD D1



WELD D2



WELD D3



WELD D4



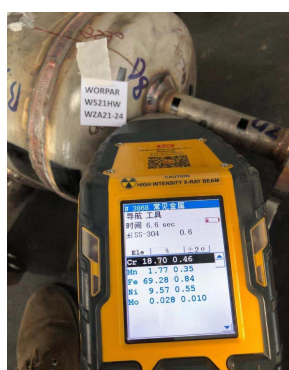
WELD D5



WELD D6



WELD D7



WELD D8



WELD D9



WELD D10



WELD E1



WELD E2



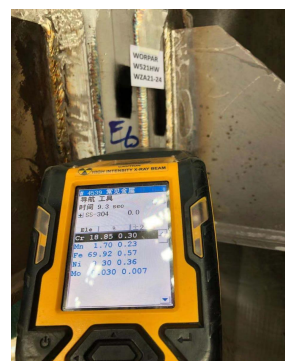
WELD E3



WELD E4



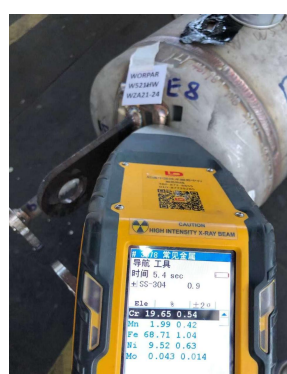
WELD E5



WELD E6



WELD E7



WELD E8



WELD E9



WELD E10



WELD E11



WELD E12