

CHEMICAL ANALYSIS AND MECHANICAL MILL TEST CERTIFICATE (EN 10204-3.1)

This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations,
the pipe fittings were tested qualified by our quality control department

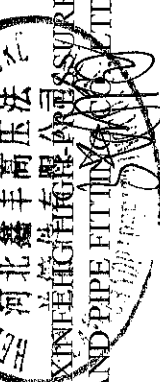
CLIENT: Unimech Engineering (M) Sdn. Bhd
 CONTRACT NO: ZPO-1804-0014
 CERTIFICATE REF. NO: XF-UEM036
 DATE OF REPORT: 13th April 2018
 MARK OF MANUFACTURER: XF
 GOOD DESCRIPTION: 7418PCS OF PIPE FITTING

| Item No. | Name | Size | QTY/PC | Material | Heat No | Physical properties | | | | | | | | | | Chemical Analyses | | | | | |
|----------|--------------------|---------------|--------|----------|---------|---------------------|-----|----|----|-----|------|------|------|-------|-------|-------------------|--|--|--|--|--|
| | | | | | | TS | YP | E | R | H | C | Si | Mn | P | S | Cr | | | | | |
| 1 | SEND CAP SCH40 | 3/4" | 30 | A234WPB | 4113 | 435 | 242 | 25 | 42 | 165 | 0.21 | 0.12 | 0.48 | 0.009 | 0.012 | 0.12 | | | | | |
| 2 | SEND CAP SCH40 | 1" | 200 | A234WPB | 4115 | 445 | 245 | 26 | 41 | 159 | 0.19 | 0.14 | 0.52 | 0.012 | 0.006 | 0.13 | | | | | |
| 3 | SEND CAP SCH40 | 4" | 120 | A234WPB | 4123 | 425 | 247 | 23 | 43 | 154 | 0.18 | 0.13 | 0.54 | 0.013 | 0.008 | 0.14 | | | | | |
| 4 | SEND CAP SCH40 | 5" | 60 | A234WPB | 4125 | 426 | 248 | 25 | 44 | 151 | 0.22 | 0.12 | 0.53 | 0.008 | 0.009 | 0.11 | | | | | |
| 5 | SEND CAP SCH40 | 16" | 16 | A234WPB | 4126 | 450 | 248 | 24 | 41 | 152 | 0.21 | 0.11 | 0.51 | 0.011 | 0.012 | 0.12 | | | | | |
| 6 | SEND CAP SCH40 | 24" | 2 | A234WPB | 4122 | 452 | 243 | 28 | 42 | 154 | 0.18 | 0.14 | 0.55 | 0.012 | 0.011 | 0.14 | | | | | |
| 7 | ELBOW 90° LR SCH40 | 3/4" | 2000 | A234WPB | 4211 | 458 | 247 | 26 | 35 | 153 | 0.22 | 0.15 | 0.52 | 0.013 | 0.013 | 0.12 | | | | | |
| 8 | ELBOW 90° LR SCH40 | 1.1/4" | 1000 | A234WPB | 4215 | 456 | 245 | 29 | 36 | 154 | 0.21 | 0.13 | 0.54 | 0.008 | 0.011 | 0.13 | | | | | |
| 9 | ELBOW 90° LR SCH40 | 1.1/2" | 1600 | A234WPB | 4213 | 451 | 246 | 25 | 37 | 151 | 0.20 | 0.11 | 0.56 | 0.007 | 0.012 | 0.11 | | | | | |
| 10 | ELBOW 90° LR SCH40 | 2.1/2" | 1000 | A234WPB | 4217 | 452 | 243 | 27 | 38 | 158 | 0.21 | 0.12 | 0.51 | 0.012 | 0.014 | 0.14 | | | | | |
| 11 | ELBOW 90° LR SCH40 | 3" | 1000 | A234WPB | 4216 | 453 | 245 | 26 | 36 | 154 | 0.22 | 0.14 | 0.52 | 0.009 | 0.013 | 0.11 | | | | | |
| 12 | ELBOW 90° LR SCH40 | 3.1/2" | 100 | A234WPB | 4233 | 455 | 247 | 25 | 37 | 155 | 0.19 | 0.13 | 0.54 | 0.012 | 0.018 | 0.12 | | | | | |
| 13 | ELBOW 45° LR SCH40 | 3/4" | 20 | A234WPB | 4255 | 456 | 248 | 29 | 35 | 152 | 0.18 | 0.12 | 0.53 | 0.009 | 0.012 | 0.13 | | | | | |
| 14 | ELBOW 45° LR SCH40 | 3" | 40 | A234WPB | 4236 | 452 | 246 | 28 | 34 | 154 | 0.21 | 0.14 | 0.45 | 0.008 | 0.011 | 0.14 | | | | | |
| 15 | ELBOW 45° LR SCH40 | 4" | 30 | A234WPB | 4251 | 453 | 245 | 26 | 32 | 161 | 0.22 | 0.15 | 0.47 | 0.012 | 0.015 | 0.11 | | | | | |
| 16 | ELBOW 90° SR SCH40 | 4" | 30 | A234WPB | 1702 | 454 | 247 | 24 | 33 | 162 | 0.21 | 0.11 | 0.46 | 0.011 | 0.009 | 0.12 | | | | | |
| 17 | CON. REDUCER SCH40 | 1.1/4" x 3/4" | 20 | A234WPB | 1622 | 456 | 243 | 25 | 35 | 164 | 0.19 | 0.12 | 0.42 | 0.013 | 0.012 | 0.13 | | | | | |
| 18 | CON. REDUCER SCH40 | 1.1/4" X 1" | 30 | A234WPB | 1622 | 456 | 243 | 25 | 35 | 164 | 0.19 | 0.12 | 0.42 | 0.013 | 0.012 | 0.13 | | | | | |
| 19 | CON. REDUCER SCH40 | 1.1/2" x 3/4" | 40 | A234WPB | 1625 | 452 | 245 | 29 | 34 | 165 | 0.22 | 0.13 | 0.45 | 0.011 | 0.011 | 0.12 | | | | | |
| 20 | CON. REDUCER SCH40 | 3" X 2.1/2" | 80 | A234WPB | 1631 | 456 | 247 | 26 | 38 | 161 | 0.21 | 0.11 | 0.47 | 0.014 | 0.014 | 0.14 | | | | | |
| TOTAL | | | 7418 | | | | | | | | | | | | | | | | | | |

Visual examination: Without Complaint
 Dimensional inspection: Without Complaint
 Surface crack inspection: Without Complaint

We hereby certify that product described herein have been manufactured, sampled, inspected and tested in accordance with the standard and also with the purchaser's requirements and the result is acceptable.

INSPECTOR: 赵之强



 Manufacturer: HEBEI XINFEI HIGH PRESSURE FLANGE AND PIPE FITTING CO., LTD.

CHEMICAL ANALYSIS AND MECHANICAL MILL TEST CERTIFICATE (EN 10204-3.1)

This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations, the pipe fittings were tested qualified by our quality control department

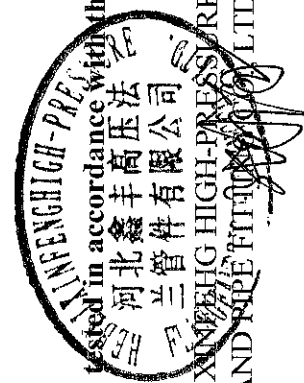
| | |
|---|---------------------------------|
| CLIENT: Unimech Engineering (M) Sdn. Bhd | CERTIFICATE REF. NO: XF-UEM036 |
| CONTRACT NO: ZPO-1804-0014 | DATE OF REPORT: 13th April 2018 |
| GOOD DESCRIPTION: 2362PCS OF PIPE FITTING | MARK OF MANUFACTURER: XF |

| Item No. | Name | Size | QTY/PC | Physical properties | | | | | | | | | | Chemical Analyses | | | | | | |
|----------|--------------------|-------------|--------|---------------------|---------|-----|-----|----|----|-----|------|------|------|-------------------|-------|------|--|--|--|--|
| | | | | Material | Heat No | YP | TS | E | R | H | C | Si | Mn | P | S | Cr | | | | |
| 21 | CON. REDUCER SCH40 | 10" X 6" | 20 | A234WPB | 1632 | 246 | 458 | 28 | 32 | 161 | 0.21 | 0.12 | 0.46 | 0.013 | 0.011 | 0.11 | | | | |
| 22 | ECC. REDUCER SCH40 | 2" x 1" | 10 | A234WPB | 1611 | 242 | 457 | 29 | 31 | 164 | 0.22 | 0.14 | 0.45 | 0.012 | 0.012 | 0.12 | | | | |
| 23 | ECC. REDUCER SCH40 | 3" X 1.1/2" | 6 | A234WPB | 1614 | 247 | 452 | 25 | 33 | 163 | 0.21 | 0.13 | 0.52 | 0.013 | 0.013 | 0.14 | | | | |
| 24 | ECC. REDUCER SCH40 | 4" x 2" | 20 | A234WPB | 1615 | 245 | 451 | 26 | 32 | 162 | 0.20 | 0.11 | 0.58 | 0.011 | 0.011 | 0.13 | | | | |
| 25 | ECC. REDUCER SCH40 | 6" x 4" | 40 | A234WPB | 1616 | 246 | 453 | 30 | 30 | 165 | 0.21 | 0.12 | 0.56 | 0.012 | 0.012 | 0.11 | | | | |
| 26 | ECC. REDUCER SCH40 | 12" X 10" | 10 | A234WPB | 1617 | 248 | 454 | 32 | 32 | 162 | 0.22 | 0.14 | 0.54 | 0.009 | 0.014 | 0.12 | | | | |
| 27 | ECC. REDUCER SCH40 | 14" x 10" | 8 | A234WPB | 1618 | 247 | 456 | 31 | 33 | 159 | 0.21 | 0.11 | 0.52 | 0.008 | 0.012 | 0.14 | | | | |
| 28 | EQUAL TEE SCH40 | 1.1/4" | 120 | A234WPB | 9521 | 245 | 452 | 29 | 34 | 158 | 0.23 | 0.12 | 0.49 | 0.011 | 0.013 | 0.13 | | | | |
| 29 | EQUAL TEE SCH40 | 1.1/2" | 400 | A234WPB | 9523 | 246 | 451 | 28 | 35 | 158 | 0.22 | 0.13 | 0.51 | 0.012 | 0.012 | 0.14 | | | | |
| 30 | EQUAL TEE SCH40 | 2" | 200 | A234WPB | 9526 | 243 | 456 | 26 | 36 | 154 | 0.21 | 0.14 | 0.52 | 0.009 | 0.013 | 0.11 | | | | |
| 31 | EQUAL TEE SCH40 | 3" | 100 | A234WPB | 9546 | 244 | 457 | 32 | 32 | 152 | 0.19 | 0.12 | 0.54 | 0.008 | 0.012 | 0.12 | | | | |
| 32 | REDUCING TEE SCH40 | 1" x 1/2" | 600 | A234WPB | 9411 | 245 | 451 | 31 | 35 | 154 | 0.18 | 0.13 | 0.53 | 0.011 | 0.013 | 0.14 | | | | |
| 33 | REDUCING TEE SCH40 | 1" x 3/4" | 400 | A234WPB | 9411 | 245 | 451 | 31 | 35 | 154 | 0.18 | 0.13 | 0.53 | 0.011 | 0.013 | 0.14 | | | | |
| 34 | REDUCING TEE SCH40 | 3" X 1" | 70 | A234WPB | 9412 | 249 | 452 | 32 | 36 | 156 | 0.22 | 0.14 | 0.56 | 0.013 | 0.012 | 0.11 | | | | |
| 35 | REDUCING TEE SCH40 | 3" X 1.1/4" | 60 | A234WPB | 9412 | 249 | 452 | 32 | 36 | 156 | 0.22 | 0.14 | 0.56 | 0.013 | 0.012 | 0.11 | | | | |
| 36 | REDUCING TEE SCH40 | 4" X 1.1/2" | 12 | A234WPB | 9425 | 251 | 457 | 32 | 32 | 152 | 0.22 | 0.12 | 0.54 | 0.013 | 0.014 | 0.14 | | | | |
| 37 | REDUCING TEE SCH40 | 12" X 8" | 6 | A234WPB | 9426 | 253 | 451 | 31 | 33 | 154 | 0.21 | 0.13 | 0.56 | 0.011 | 0.009 | 0.13 | | | | |
| 38 | END CAP SCH80 | 1" | 40 | A234WPB | 3625 | 254 | 456 | 30 | 31 | 152 | 0.22 | 0.14 | 0.58 | 0.012 | 0.012 | 0.14 | | | | |
| 39 | END CAP SCH80 | 1.1/4" | 40 | A234WPB | 3624 | 250 | 452 | 29 | 32 | 153 | 0.21 | 0.14 | 0.54 | 0.008 | 0.013 | 0.12 | | | | |
| 40 | END CAP SCH80 | 6" | 200 | A234WPB | 3652 | 254 | 457 | 28 | 35 | 154 | 0.24 | 0.12 | 0.56 | 0.009 | 0.014 | 0.13 | | | | |
| TOTAL | | | 2362 | | | | | | | | | | | | | | | | | |

Visual examination: Without Complaint
 Dimensional inspection: Without Complaint
 Surface crack inspection: Without Complaint

We hereby certify that product described herein have been manufactured, sampled, inspected and tested in accordance with the standard and also with the purchaser's requirements and the result is acceptable.

INSPECTOR: 赵之强



Manufacturer: HEBEI XINMEI HIGH-PRESSURE FLANGE AND PIPE FITTING CO., LTD

CHEMICAL ANALYSIS AND MECHANICAL MILL TEST CERTIFICATE (EN 10204-3.1)

This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations,
the pipe fittings were tested qualified by our quality control department

| | |
|---|---------------------------------|
| CLIENT: Unimech Engineering (M) Sdn. Bhd | CERTIFICATE REF. NO: XF-UEM036 |
| CONTRACT NO: ZPO-1804-0014 | DATE OF REPORT: 13th April 2018 |
| GOOD DESCRIPTION: 6425PCS OF PIPE FITTING | |
| MARK OF MANUFACTURER: XF | |

| Item No. | Name | Size | QTY/PC | Physical properties | | | | | | | Chemical Analyses | | | | | | |
|----------|--------------------|-------------|--------|---------------------|---------|-----|-----|----|----|-----|-------------------|------|------|-------|-------|------|--|
| | | | | Material | Heat No | YP | TS | E | R | H | C | Si | Mn | P | S | Cr | |
| 41 | ELBOW 90° LR SCH80 | 1/2" | 200 | A234WPB | 4225 | 252 | 456 | 26 | 34 | 152 | 0.22 | 0.14 | 0.57 | 0.011 | 0.012 | 0.14 | |
| 42 | ELBOW 90° LR SCH80 | 1" | 500 | A234WPB | 4236 | 251 | 451 | 27 | 36 | 156 | 0.21 | 0.13 | 0.54 | 0.012 | 0.009 | 0.11 | |
| 43 | ELBOW 90° LR SCH80 | 1.1/4" | 800 | A234WPB | 4256 | 253 | 453 | 28 | 32 | 154 | 0.23 | 0.14 | 0.56 | 0.014 | 0.012 | 0.12 | |
| 44 | ELBOW 90° LR SCH80 | 1.1/2" | 1400 | A234WPB | 4263 | 254 | 452 | 29 | 31 | 152 | 0.22 | 0.12 | 0.52 | 0.013 | 0.018 | 0.13 | |
| 45 | ELBOW 90° LR SCH80 | 2" | 1500 | A234WPB | 4266 | 252 | 456 | 32 | 34 | 153 | 0.21 | 0.11 | 0.54 | 0.008 | 0.012 | 0.11 | |
| 46 | ELBOW 90° LR SCH80 | 2.1/2" | 500 | A234WPB | 4278 | 254 | 451 | 30 | 35 | 154 | 0.22 | 0.12 | 0.55 | 0.009 | 0.014 | 0.14 | |
| 47 | ELBOW 90° LR SCH80 | 3" | 500 | A234WPB | 4211 | 253 | 452 | 31 | 32 | 156 | 0.21 | 0.14 | 0.56 | 0.012 | 0.011 | 0.13 | |
| 48 | ELBOW 90° LR SCH80 | 4" | 500 | A234WPB | 4215 | 251 | 453 | 33 | 34 | 154 | 0.18 | 0.13 | 0.58 | 0.007 | 0.013 | 0.12 | |
| 49 | ELBOW 90° LR SCH80 | 8" | 120 | A234WPB | 4216 | 250 | 457 | 32 | 35 | 152 | 0.19 | 0.11 | 0.54 | 0.011 | 0.011 | 0.11 | |
| 50 | ELBOW 90° LR SCH80 | 10" | 20 | A234WPB | 4217 | 253 | 455 | 32 | 36 | 154 | 0.21 | 0.12 | 0.56 | 0.012 | 0.012 | 0.13 | |
| 51 | ELBOW 45 DEG SCH80 | 2" | 160 | A234WPB | 4355 | 251 | 456 | 33 | 32 | 153 | 0.22 | 0.14 | 0.53 | 0.013 | 0.008 | 0.14 | |
| 52 | CON. REDUCER SCH80 | 3/4" x 1/2" | 20 | A234WPB | 4356 | 254 | 458 | 32 | 30 | 151 | 0.21 | 0.13 | 0.54 | 0.008 | 0.009 | 0.12 | |
| 53 | CON. REDUCER SCH80 | 2" X 1" | 20 | A234WPB | 4455 | 253 | 457 | 31 | 29 | 152 | 0.23 | 0.14 | 0.52 | 0.007 | 0.012 | 0.14 | |
| 54 | CON. REDUCER SCH80 | 2" X 1.1/2" | 20 | A234WPB | 4455 | 253 | 457 | 31 | 29 | 152 | 0.23 | 0.14 | 0.52 | 0.007 | 0.012 | 0.14 | |
| 55 | CON. REDUCER SCH80 | 2.1/2" x 1" | 40 | A234WPB | 4678 | 254 | 451 | 33 | 32 | 154 | 0.18 | 0.13 | 0.54 | 0.013 | 0.011 | 0.11 | |
| 56 | CON. REDUCER SCH80 | 3" * 2" | 40 | A234WPB | 4688 | 256 | 452 | 35 | 33 | 153 | 0.19 | 0.14 | 0.56 | 0.009 | 0.011 | 0.12 | |
| 57 | CON. REDUCER SCH80 | 3" X 2.1/2" | 20 | A234WPB | 4688 | 256 | 452 | 35 | 33 | 153 | 0.19 | 0.14 | 0.56 | 0.009 | 0.011 | 0.12 | |
| 58 | CON. REDUCER SCH80 | 4" X 3" | 25 | A234WPB | 4672 | 253 | 456 | 34 | 32 | 156 | 0.22 | 0.13 | 0.52 | 0.012 | 0.013 | 0.11 | |
| 59 | CON. REDUCER SCH80 | 5" X 3" | 10 | A234WPB | 4671 | 254 | 455 | 32 | 33 | 152 | 0.22 | 0.14 | 0.54 | 0.013 | 0.012 | 0.12 | |
| 60 | CON. REDUCER SCH80 | 5" x 4" | 30 | A234WPB | 4671 | 254 | 455 | 32 | 33 | 152 | 0.22 | 0.14 | 0.54 | 0.013 | 0.012 | 0.12 | |
| TOTAL | | | 6425 | | | | | | | | | | | | | | |

Visual examination: Without Complaint
 Dimensional inspection: Without Complaint
 Surface crack inspection: Without Complaint

We hereby certify that product described herein have been manufactured, sampled, inspected and tested in accordance with the standard and also with the purchaser's requirements and the result is acceptable.

INSPECTOR: 赵之强

Manufacturer: HEBEI XINFEI PIPE FITTING CO., LTD

CHEMICAL ANALYSIS AND MECHANICAL MILL TEST CERTIFICATE (EN 10204-3.1)

This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations,
the pipe fittings were tested qualified by our quality control department

CLIENT: Unimech Engineering (M) Sdn. Bhd

CONTRACT NO: ZPO-1804-0014

GOOD DESCRIPTION: 410PCS OF PIPE FITTING

CERTIFICATE REF. NO: XF-UEM036

DATE OF REPORT: 13th April 2018

MARK OF MANUFACTURER: XF

| Item No. | Name | Size | QTY/PC | Material | Heat No | YP | TS | E | R | H | C | Chemical Analyses | | | | |
|----------|--------------------|-------------|--------|----------|---------|-----|-----|----|----|-----|------|-------------------|------|-------|-------|------|
| | | | | | | | | | | | | Si | Mn | P | S | Cr |
| 61 | EQUAL TEE SCH80 | 3/4" | 80 | A234WPB | 9641 | 251 | 456 | 35 | 35 | 153 | 0.18 | 0.13 | 0.56 | 0.012 | 0.012 | 0.14 |
| 62 | EQUAL TEE SCH80 | 1" | 200 | A234WPB | 9642 | 254 | 457 | 36 | 32 | 151 | 0.17 | 0.11 | 0.54 | 0.013 | 0.013 | 0.11 |
| 63 | EQUAL TEE SCH80 | 1.1/2" | 70 | A234WPB | 9647 | 256 | 458 | 32 | 31 | 156 | 0.19 | 0.12 | 0.53 | 0.014 | 0.011 | 0.12 |
| 64 | EQUAL TEE SCH80 | 2.1/2" | 10 | A234WPB | 9648 | 255 | 456 | 31 | 33 | 154 | 0.21 | 0.14 | 0.52 | 0.011 | 0.013 | 0.11 |
| 65 | EQUAL TEE SCH80 | 6" | 30 | A234WPB | 9644 | 254 | 454 | 30 | 35 | 156 | 0.22 | 0.13 | 0.51 | 0.012 | 0.011 | 0.13 |
| 66 | EQUAL TEE SCH80 | 8" | 10 | A234WPB | 9666 | 256 | 456 | 33 | 36 | 155 | 0.21 | 0.14 | 0.56 | 0.013 | 0.013 | 0.14 |
| 67 | REDUCING TEE SCH80 | 2" X 1.1/2" | 10 | A234WPB | 9956 | 254 | 453 | 31 | 32 | 154 | 0.18 | 0.11 | 0.58 | 0.009 | 0.011 | 0.13 |
| TOTAL | | | 410 | | | | | | | | | | | | | |

Visual examination

Dimensional inspection

Surface crack inspection:

Without Complaint

Without Complaint

Without Complaint

We hereby certify that product described herein have been manufactured, sampled, inspected and tested in accordance with the standard and also with the purchaser's requirements and the result is acceptable.

INSPECTOR: 赵之强

Manufacturer: HEBEI XINSHIJI HIGH PRESSURE PIPE FITTING MANUFACTURING CO., LTD.

