

CERTIFICATE OF TEST REPORT (PHYSICALS AND CHEMICALS)  
CERTIFICATE OF VALVE TEST REPORT

[illegible]

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|                                                                                                                                                                                                             |  |                  |       |                                                  |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|-------|--------------------------------------------------|--------------------------------------|--------|------|-------|-------|-------------------------------------------------|------|-----|-----------|----------------------|---------------------------|---------------------|
| Client<br>UNIMECH ENGINEERING (M) SDN BHD WISMA UNIMECH 4934,<br>JALAN CHAIN FERRY 12100 BUTTERWORTH, PENANG, MALAYSIA                                                                                      |  |                  |       |                                                  | Client' s Order No.<br>ZPO-1905-0014 |        |      |       |       | Client' s Mark<br>UNIMECH<br>PENANG<br>MALAYSIA |      |     |           |                      |                           |                     |
| Q' ty:<br>25PCS                                                                                                                                                                                             |  | Size:<br>3"      |       | Description:<br>SUS304 GATE VALVE F /E TO 150LBS |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |
| Heat No.                                                                                                                                                                                                    |  | CHEMICALS% (CF8) |       |                                                  |                                      |        |      |       |       |                                                 |      |     | PHYSICALS |                      |                           |                     |
|                                                                                                                                                                                                             |  | C                | Si    | Mn                                               | P                                    | S      | Ni   | Cr    |       |                                                 |      |     | Mo        | Tensile<br>σ b (MPa) | Yield<br>σ s (MPa) (0.2%) | Elongation<br>δ (%) |
| <b>CF8</b>                                                                                                                                                                                                  |  | ≤0.08            | ≤2.00 | ≤1.50                                            | ≤0.04                                | ≤0.04  | 8~11 | 18~21 | ≤0.5  | /485                                            | /205 | /35 | -----     |                      |                           |                     |
| SKF19 (3" BODY)                                                                                                                                                                                             |  | 0.061            | 0.568 | 0.68                                             | 0.012                                | 0.0041 | 8.38 | 18.52 | 0.17  | 525                                             | 260  | 38  | -----     |                      |                           |                     |
| SKF20 (3" BODY)                                                                                                                                                                                             |  | 0.066            | 0.561 | 0.56                                             | 0.015                                | 0.0039 | 8.43 | 18.49 | 0.15  | 520                                             | 255  | 37  | -----     |                      |                           |                     |
| SKD33 (3" BODY)                                                                                                                                                                                             |  | 0.058            | 0.662 | 0.64                                             | 0.015                                | 0.0038 | 8.14 | 18.42 | 0.12  | 522                                             | 250  | 37  | -----     |                      |                           |                     |
| SKD34 (3" BODY)                                                                                                                                                                                             |  | 0.063            | 0.551 | 0.69                                             | 0.015                                | 0.0058 | 8.43 | 18.36 | 0.13  | 530                                             | 265  | 35  | -----     |                      |                           |                     |
| SKD35 (3" BODY)                                                                                                                                                                                             |  | 0.056            | 0.46  | 0.512                                            | 0.018                                | 0.0046 | 8.09 | 18.05 | 0.015 | 515                                             | 250  | 36  | -----     |                      |                           |                     |
| SKE17 (3" BODY/BONNET)                                                                                                                                                                                      |  | 0.048            | 0.476 | 0.82                                             | 0.014                                | 0.0043 | 8.11 | 18.13 | 0.17  | 515                                             | 255  | 37  | -----     |                      |                           |                     |
| SKE21 (3" BONNET)                                                                                                                                                                                           |  | 0.053            | 0.665 | 0.73                                             | 0.015                                | 0.0034 | 8.63 | 18.45 | 0.14  | 530                                             | 255  | 37  | -----     |                      |                           |                     |
| SKF21 (3" BONNET)                                                                                                                                                                                           |  | 0.071            | 0.559 | 0.61                                             | 0.017                                | 0.0033 | 8.45 | 18.62 | 0.14  | 515                                             | 260  | 38  | -----     |                      |                           |                     |
| SKF23 (3" BONNET)                                                                                                                                                                                           |  | 0.051            | 0.549 | 0.67                                             | 0.021                                | 0.0054 | 8.41 | 18.35 | 0.13  | 525                                             | 255  | 37  | -----     |                      |                           |                     |
| SKF17 (3" WEDGE)                                                                                                                                                                                            |  | 0.053            | 0.553 | 0.65                                             | 0.016                                | 0.0036 | 8.35 | 18.49 | 0.19  | 515                                             | 255  | 36  | -----     |                      |                           |                     |
| SKE26 (3" WEDGE)                                                                                                                                                                                            |  | 0.059            | 0.669 | 0.731                                            | 0.019                                | 0.0012 | 8.09 | 18.19 | 0.089 | 525                                             | 255  | 43  | -----     |                      |                           |                     |
| SJG19 (3" WEDGE)                                                                                                                                                                                            |  | 0.058            | 0.556 | 0.62                                             | 0.012                                | 0.0044 | 8.59 | 18.55 | 0.15  | 525                                             | 260  | 36  | -----     |                      |                           |                     |
| DKG212 (3" WEDGE)                                                                                                                                                                                           |  | 0.049            | 0.81  | 0.82                                             | 0.034                                | 0.005  | 8.25 | 18.3  | 0.01  | 525                                             | 245  | 47  | -----     |                      |                           |                     |
| SFF22 (3" WEDGE)                                                                                                                                                                                            |  | 0.065            | 0.714 | 0.78                                             | 0.014                                | 0.0048 | 8.08 | 18.07 | 0.17  | 510                                             | 258  | 40  | -----     |                      |                           |                     |
|                                                                                                                                                                                                             |  |                  |       |                                                  |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |
|                                                                                                                                                                                                             |  |                  |       |                                                  |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |
|                                                                                                                                                                                                             |  |                  |       |                                                  |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |
| TEST CONDITIONS TO API598 UNLESS OTHERWISE STATED                                                                                                                                                           |  |                  |       |                                                  |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |
| Pressure Test                                                                                                                                                                                               |  | Shell            |       | Back seat                                        |                                      |        | Seal |       |       | Leakage Test                                    |      |     |           |                      |                           |                     |
| Hydraulic (MPa)                                                                                                                                                                                             |  | 3.1              |       | 2.2                                              |                                      |        |      |       |       | OK                                              |      |     |           |                      |                           |                     |
| Air (MPa)                                                                                                                                                                                                   |  |                  |       |                                                  |                                      |        | 0.6  |       |       | Inspection By                                   |      |     |           |                      |                           |                     |
| We hereby certify that the valves of the above order comply in all records with the material specification and the pressure tests have been carried out and witnessed under the test condition shown above. |  |                  |       |                                                  |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |
| Date 2019/07/18      INSPECTION DEPARTMENT: WUXI FUSHENG VALVE INDUSTRIAL CO., LTD (QA DEPARTMENT)                                                                                                          |  |                  |       |                                                  |                                      |        |      |       |       |                                                 |      |     |           |                      |                           |                     |

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| Client<br>UNIMECH ENGINEERING (M) SDN BHD WISMA UNIMECH 4934,<br>JALAN CHAIN FERRY 12100 BUTTERWORTH, PENANG, MALAYSIA                                                                                      |  |                 |                                                      |       | Client' s Order No.<br>ZPO-1905-0014 |       |       |      |       | Client' s Mark<br>UNIMECH<br>PENANG<br>MALAYSIA |                           |                     |                |       |
| Q' ty:<br>2PCS                                                                                                                                                                                              |  | Size:<br>2-1/2" | Description:<br>SUS304 GLOBE VALVE F /E TO ANSI 150# |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
| Heat No.                                                                                                                                                                                                    |  |                 | CHEMICALS% (CF8)                                     |       |                                      |       |       |      |       | PHYSICALS                                       |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       | Tensile<br>σ b (MPa)                            | Yield<br>σ s (MPa) (0.2%) | Elongation<br>δ (%) | Hardness<br>HB |       |
| CF8                                                                                                                                                                                                         |  |                 | ≤0.08                                                | ≤2.00 | ≤1.50                                | ≤0.04 | ≤0.04 | 8~11 | 18~21 | ≤0.5                                            | /485                      | /205                | /35            | ----- |
| S502 (1-1/2" BODY/BONNET)                                                                                                                                                                                   |  |                 | 0.065                                                | 0.46  | 0.75                                 | 0.028 | 0.008 | 8.18 | 18.25 | 0.12                                            | 520                       | 218                 | 42             | ----- |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
|                                                                                                                                                                                                             |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
| TEST CONDITIONS TO API598 UNLESS OTHERWISE STATED                                                                                                                                                           |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
| Pressure Test                                                                                                                                                                                               |  |                 | Shell                                                |       | Back seat                            |       |       | Seal |       |                                                 | Leakage Test              |                     |                |       |
| Hydraulic (MPa)                                                                                                                                                                                             |  |                 | 3.1                                                  |       | 2.2                                  |       |       | 2.2  |       |                                                 | OK                        |                     |                |       |
| Air (MPa)                                                                                                                                                                                                   |  |                 |                                                      |       |                                      |       |       |      |       |                                                 | Inspection By             |                     |                |       |
| We hereby certify that the valves of the above order comply in all records with the material specification and the pressure tests have been carried out and witnessed under the test condition shown above. |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |
| Date2019/07/09      INSPECTION DEPARTMENT:WUXI FUSHENG VALVE INDUSTRIAL CO.,LTD(QA DEPARTMENT)                                                                                                              |  |                 |                                                      |       |                                      |       |       |      |       |                                                 |                           |                     |                |       |