



# CERTIFICATE

Fugitive Emissions Test acc. to SPE 77/312 Revision:13 / 02-2004 edition

Certificate-No.: C 53031794-1

**Name and address of Manufacturer** SUFA Technology Industry Co., Ltd.,CNNC  
No.501 Zhujiang Road, Suzhou city  
Jiangsu Province, P.R.China

| Valve Description | Valve Tested                        | MESC Code No.  |
|-------------------|-------------------------------------|----------------|
| Gate Valve        | DN 80 (NPS 3"), PN 50 (Class 300)   | 77.20.20.060.1 |
| Gate Valve        | DN 250 (NPS 10"), PN 50 (Class 300) | 77.20.20.066.1 |
| Gate Valve        | DN 450 (NPS 18"), PN 50 (Class 300) | 77.20.20.070.1 |
| Globe Valve       | DN 80 (NPS 3"), PN 50 (Class 300)   | 77.30.20.060.1 |
| Globe Valve       | DN 250 (NPS 10"), PN 50 (Class 300) | 77.30.20.066.1 |
| Check Valve       | DN 80 (NPS 3"), PN 50 (Class 300)   | 77.10.20.060.1 |
| Check Valve       | DN 250 (NPS 10"), PN 50 (Class 300) | 77.10.20.066.1 |
| Check Valve       | DN 450 (NPS 18"), PN 50 (Class 300) | 77.10.20.070.1 |

The range of qualification is acc. to table 4.2.3.1 of SPE 77/312 Revision:13 / 02-2004

We did at request of SUFA Technology Industry Co., Ltd., CNNC to attend their company in Suzhou City, Jiangsu Province, P.R.China.


The above industrial valves were carried out the Fugitive Emissions (FE) measurement acc. to SPE 77/312 Revision:13 / 02-2004 edition in the presence of TÜV Rheinland qualified inspector and all tests found satisfactory.

Details of Manufacturer's test report of valve Fugitive Emissions (FE) measurement should be referred to SUFA-FE-1 to 8.

The certificate refers to above mentioned product. This is to certify that the test specimen provided is in conformity with the standard mentioned above. This certificate does not imply assessment of the production of the product.



Shanghai  
30 October, 2004

  
TÜV Rheinland Group  
TÜV Rheinland (Shanghai) Co., Ltd  
Pressure Equipment and Materials Technology  
Manager

William F Yu