



**Certificate No.: 2103-7017**

**Certificate holder:** Aalberts integrated piping systems Ltd, St. Catherines Avenue, GB-DN4 8DF  
Doncaster

In accordance with our regulation ZW101 „general terms and conditions of the SGWA certification body water“ the SGWA certify the following serial products:

**Rubric:** Stop Cocks

**Denomination:** Angle seat valve Series 1402.10, 1404, 1407.10, 1409

**Types:** Freeflow valve, made of brass  
1402.10, without drain, non-rising spindle, DN15 ... 50, PN16  
1404 without drain, with rising spindle, DN15 ... 50, PN16  
1407.10, with drain, non-rising spindle, DN 15 ... 50, PN16  
1409, with drain, with rising spindle, DN15 ... 50, PN16

DN: 15 ... 50 PN: 16 tmax: 65 °C

**Certification Standard:** SGWA ZW110/1 (07/22), EN 1213 (1999)

**Validity:** 29.02.2028

**Conditions (C) / Remarks (R):**  
None

The applicant is entitled to offer the above mentioned products as certificated by the SGWA and to use the above SGWA-conformity mark (publication in the list of certificates water).

Swiss Gas and Water Industry Association  
Certification body water

Javier Fernandez  
Head

**Rubric:** Stop Cocks

**Denomination:** Angle seat valve Series 1402.10, 1404, 1407.10, 1409

| Types                                                 | DN | PN | C° | Acoustic group | Losses<br>kWh/24 h /<br>ErP Class | Content | Index | Metrology |
|-------------------------------------------------------|----|----|----|----------------|-----------------------------------|---------|-------|-----------|
| Freeflow valve, without drain, without rising spindle |    |    |    |                |                                   |         |       |           |
| 1402.10, with internal thread on both sides 1/2"      | 15 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1402.10, with internal thread on both sides 3/4"      | 20 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1402.10, with internal thread on both sides 1"        | 25 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1402.10, with internal thread on both sides 1 1/4"    | 32 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1402.10, with internal thread on both sides 1 1/2"    | 40 | 16 | 65 | -              | -                                 | -       | -     | -         |
| 1402.10, with internal thread on both sides 2"        | 50 | 16 | 65 | -              | -                                 | -       | -     | -         |
| Freeflow valve, without drain, with rising spindle    |    |    |    |                |                                   |         |       |           |
| 1404, with internal thread on both sides 1/2"         | 15 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1404, with internal thread on both sides 3/4"         | 20 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1404, with internal thread on both sides 1"           | 25 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1404, with internal thread on both sides 1 1/4"       | 32 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1404, with internal thread on both sides 1 1/2"       | 40 | 16 | 65 | -              | -                                 | -       | -     | -         |
| 1404, with internal thread on both sides 2"           | 50 | 16 | 65 | -              | -                                 | -       | -     | -         |
| Freeflow valve, with drain, without rising spindle    |    |    |    |                |                                   |         |       |           |
| 1407.10, with internal thread on both sides 1/2"      | 15 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1407.10, with internal thread on both sides 3/4"      | 20 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1407.10, with internal thread on both sides 1"        | 25 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1407.10, with internal thread on both sides 1 1/4"    | 32 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1407.10, with internal thread on both sides 1 1/2"    | 40 | 16 | 65 | -              | -                                 | -       | -     | -         |
| 1407.10, with internal thread on both sides 2"        | 50 | 16 | 65 | -              | -                                 | -       | -     | -         |
| Freeflow valve, with drain, with rising spindle       |    |    |    |                |                                   |         |       |           |
| 1409, with internal thread on both sides 1/2"         | 15 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1409, with internal thread on both sides 3/4"         | 20 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1409, with internal thread on both sides 1"           | 25 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1409, with internal thread on both sides 1 1/4"       | 32 | 16 | 65 | I              | -                                 | -       | -     | -         |
| 1409, with internal thread on both sides 1 1/2"       | 40 | 16 | 65 | -              | -                                 | -       | -     | -         |
| 1409, with internal thread on both sides 2"           | 50 | 16 | 65 | -              | -                                 | -       | -     | -         |