



## DECLARATION OF PERFORMANCE No. 14A/DWU/18

1. Unique identification code: **Underground hydrant DN 80 PN 10 - HP-00**
2. Intended use: **fire fighting**
3. Manufacturer: **Zakład Produkcyjny Armatury Przemysłowej "AKWA" Sp. z o. o., ul. Słoneczna 36, 62-200 Gniezno**
4. Authorized representative: **Not applicable**
5. System(s) for assessment and verification of usage properties constancy: **1**
- 6a. Harmonized standard: **EN 14339:2009**  
Notified body or bodies: **Research Institute of Engineering Sciences, Hudcova 56b, 621 00 Brno, Czech Republic. The notifying body identification number 1015 carried out the assessment and verification of the usage properties constancy in system 1 and issued the European Community Certificate of Conformity No. 1015-CPR-E-30-20609-07 rev.2**
- 6b. European Assessment Document: **Not applicable**  
European Technical Assessment: **Not applicable**  
Technical Assessment Unit: **Not applicable**  
Notified body or bodies: **Not applicable**
7. Declared performance properties:

| Characteristics                                                                                                                                                                                                                                                                                                                                                                           | Usage properties                                                                                                                                                                                                                                                     | Harmonized standard |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Operational reliability: <ul style="list-style-type: none"><li>- construction</li><li>- pressure</li><li>- spindle drive</li><li>- closing direction</li><li>- number of rotations necessary to open</li><li>- hydrant resistance to operational loads</li><li>- resistance to disinfectants</li><li>- hydrants for drinking water networks</li><li>- hydraulic characteristics</li></ul> | <ul style="list-style-type: none"><li>- meets the requirement</li><li>- 1,0 MPa</li><li>- meets the requirement</li><li>- clockwise when viewed from above</li><li>- 9</li><li>- 210 Nm</li><li>- NPD</li><li>- meets the requirement</li><li>- Kv min. 60</li></ul> | EN 14339            |
| Connexion dimensions                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>- inlet DN80</li><li>- outlet: claw holder for a hydrant standpost</li></ul>                                                                                                                                                   |                     |
| Corrosion resistance                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>- epoxy paint with a thickness of min. 250 µm</li></ul>                                                                                                                                                                        |                     |
| Wear resistance                                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"><li>- meets the requirement</li></ul>                                                                                                                                                                                              |                     |

8. Appropriate technical documentation or special technical documentation: **Not applicable**

The performance properties of the product specified above are consistent with the set of declared performance properties. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer:  
Mariusz Trudziński  
in Gniezno on December 6, 2023

Kierownik Działu  
Kontrolny  
*Mariusz Trudziński*  
mgr inż. Mariusz Trudziński

