

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

### 1299 – CPR - 0163

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Hose reel with semi-rigid hose, type: EN 671-1**

Model: **AYG-YDO 01, AYG-YDO 04, AYG-YDO 05, AYG-YDO 06, AYG-YDO 11, AYG-YDO 16, AYG-YDO 22, AYG-YDO 30, AYG-YDO 39, AYG-YDO 46, AYG-YDO 49, AYG-YDO 54, AYG-YDO 67, AYG-YDO 72, AYG-YDO 74, AYG-YDO 79, AYG-YDO 92, AYG-YDO 147, AYG-YDO 148, AYG-YDO 149, AYG-YDO 150, AYG-YDO 151, AYG-YDO 152, AYG-YDO 153, AYG-YDO 154, AYG-YDO 165, AYG-YDO 167, AYG-YDO-01-001, AYG-YDO-01-002, AYG-YDO-01-003, AYG-YDO-01-004, AYG-YDO-01-005, AYG-YDO-01-006, AYG-YDO-01-007, AYG-YDO-01-008, AYG-YDO-01-009, AYG-YDO-01-010, AYG-YDO-01-011, AYG-YDO-01-012, AYG-YDO-01-013, AYG-YDO-01-014, AYG-YDO-01-015, AYG-YDO-01-016, AYG-YDO-01-017, AYG-YDO-01-018, AYG-YDO-01-019, AYG-YDO-01-020, AYG-YDO-01-021, AYG-YDO-01-022, AYG-YDO-01-023, AYG-YDO-01-024, AYG-YDO-01-025**  
(specification is stated on the back page)

suitable for prime quenching of fire in buildings and other construction works permanently connected to a water supply and allows system operation by one person,

placed on the market under the name of

**A YANGIN GÜVENLİK SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ,  
HALKAPINAR MAH.1345 SK. TEKNİK MALZ. İŞM. NO: 2 O KONAK/ İZMİR TURKEY**

and produced in the manufacturing plant

**A YANGIN GÜVENLİK SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ,  
INONU MAHALLESİ YAVUZ SULTAN SELİM CADESİ NO:80-81 AYRANCILAR İZMİR, TURKEY**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

**EN 671-1:2012**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on 16.11.2015 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The certificate shall be supported through annual continuous surveillance and reissued after each surveillance. This certificate shall be reissued not later than 04.09.2025. A new issue of the certificate is conditioned by positive results of the surveillance.

Piešťany 12.08.2024  
Issue: 10



Mgr. Denisa MAKAROVÁ  
on behalf of TSU Piešťany, a. s.  
Notified body 1299



Components specification:

- a) Distribution of extinguishing media:
- hose bore,
  - minimum flow rate,
  - effective throw range,
  - spray discharge.
- b) Operational reliability:
- reel - design,
  - reel - rotating,
  - reel - swinging,
  - reel - resistance to impact,
  - reel - resistance to load,
  - hose - general,
  - shut-off nozzle - resistance to impact,
  - shut-off nozzle - operating torque,
  - inlet stop valve - general,
  - inlet stop valve - manual inlet stop valve,
  - hydraulic properties - resistance to internal pressure,
  - hydraulic properties –strength.
- c) Ability to pull out the hose:
- reel - unwinding load,
  - reel - dynamic braking,
  - hose - maximum length.
- d) Durability of operational reliability:
- resistance to external corrosion of coated part,
  - resistance to corrosion of waterways,
  - ageing tests for plastics materials.

Components specification:

1. Inlet stop valve:  
dimension: a) G1", PN 16, manufacturer / supplier: SIR CEKVALF VE YANGIN SÖNDÜRME MALZEMELERİ MADENİ EŞYA İMALAT PAZARLAMA SAN. VE TIC. LTD. ŞTİ, TURKEY  
b) G2", PN 16, manufacturer / supplier: A YANGIN GÜVENLİK SİSTEMLERİ SANAYİ VE TİCARET, A.Ş., TURKEY
2. Semi-rigid hose:  
dimension: 25 mm, „HOREKS“, class – type: A – 2, manufacturer / supplier: A YANGIN GÜVENLİK SİSTEMLERİ SANAYİ VE TİCARET, A.Ş., TURKEY
3. Combined nozzle:  
equiv. diameter: 9/7, manufacturer / supplier: A YANGIN GÜVENLİK SİSTEMLERİ SANAYİ VE TİCARET, A.Ş., TURKEY
4. Cabinet and reel: manufacturer / supplier: A YANGIN GÜVENLİK SİSTEMLERİ SANAYİ VE TİCARET, A.Ş., TURKEY

Minimum K – coefficient for configuration

Valve G1"

- jet: 31 (l/min.MPa<sup>-1/2</sup>)
- spray: 35 (l/min.MPa<sup>-1/2</sup>)

Minimum flow rate: (MPa/l.min<sup>-1</sup>) 0,4/62

Valve G2"

- jet: 30 (l/min.MPa<sup>-1/2</sup>)
- spray: 32 (l/min.MPa<sup>-1/2</sup>)

Minimum flow rate: (MPa/l.min<sup>-1</sup>) 0,4/60

