



**KConsult C.I.S.**  
Reliability Analyses & more

# Certificate

**No.: 20210902**

<b>Manufacturer:</b>	<b>“SMNPO-Engineering” JSC</b> 58 Gorkogo Str. Sumy, 40004 Ukraine	<b>АО «СМНПО-Инжиниринг»</b> Украина, 40004, г. Сумы ул. Горького, 58
<b>Product:</b>	Pneumatic-and-Hydraulic Actuator for Ball Valves DN 150, 200, 300, 400, 500, 700, 800, 1000, 1200, 1400	Приводы пневмогидравлические для кранов шаровых DN 150, 200, 300, 400, 500, 700, 800, 1000, 1200, 1400
<b>Application:</b>	Various	
<b>Test Results:</b>	The safety related product as specified above meets the requirements of the following standards:	

**IEC 61508 Part 1 – 7: 2010**

It is qualified for its intended use for

**SIL 2**

applications.

For detailed results of the assessment refer to documents:

- No. 21/0152/PH001  
Pneumatic Actuator - Reliability Calculation
- No. 21/0152/АВПДО001,  
Pneumatic Actuator - Failure Modes, Effect, and Diagnostics  
Analysis

Results are summarized on next page.