

# Certificate

**Quality assurance to the production process - module D1 - according to directive 2014/68/EU**

**Certificate No.: 0045/202/9070/Z/00348/23/D/001(00)**

**Name and address of manufacturer:** **HORIZON POLYMER ENGINEERING PVT. LTD.**  
Plot No.: 1908, Phase-2, GIDC Chhatral,  
Dist.: Gandhinagar – 382 729, Gujarat,  
INDIA

We hereby certify that the manufacturer has established a **quality system** for the manufacturing of pressure equipment according to directive 2014/68/EU. The manufacturer is entitled to mark the pressure equipment produced within the range of the quality system with the following mark:

**CE 0045**

**Test specification:** **ISO 17292, API 598**  
**(ASME B 16.5, ASME B 16.10, ASME 16.34 - Designed)**

**Audit report No.:** **0045/202/9070/P/00348/23/D/001(00)**

**Range of products:** **Fluoropolymer Lined Ball Valves and Check Valves falling under Category I and II (Lining as per ASTM F1545-15a)**  
(See annex to detail certification scope)

**Place of manufacture:** **HORIZON POLYMER ENGINEERING PVT. LTD.**  
Plot No.: 1908, Phase-2, GIDC Chhatral,  
Dist.: Gandhinagar – 382 729, Gujarat,  
INDIA

**This certificate is valid until:** **06/2026**

**Contact:**  
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**Notified Body for pressure equipment**

TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg

**Attachment:**  
**Table "Valves Type"**  
Scope of certification

 To verify the validity of the digital signature the installation of the TÜV NORD GROUP root certificate is required.

## Annex of Certificate 0045/202/9070/Z/00348/23/D/001(00)

Test specification: **ISO 17292, API 598**  
**Optional Design Code: ASME B16.5, ASME B16.10,**  
**ASME 16.34 with PED Annex I**

**Table 1: Certification scope**

**Fluoropolymer Lined Ball Valves and Check Valves falling under Category I and II**  
**(Lining as per ASTM F1545-15a)**

Description	Size (DN)	MAWP (Bar)	Fluid Group	Diagram	PS X DN	Material
Reduce Bore Ball Valves	40	19	1	6	760	Carbon Steel & Stainless Steel
	50	19	1	6	950	
	80	19	1	6	1520	
	100	19	1	6	1900	
	150	19	1	6	2850	
	200	19	2	7	3800	

Description	Size (DN)	MAWP (Bar)	Fluid Group	Diagram	PS X DN	Material
Full Bore Ball Valves (DIN & ANSI)	40	19	1	6	760	Carbon Steel & Stainless Steel
	50	19	1	6	950	
	80	19	1	6	1520	
	100	19	1	6	1900	

Description	Size (DN)	MAWP (Bar)	Fluid Group	Diagram	PS X DN	Material
Ball Check Valves	40	19	1	6	760	Carbon Steel & Stainless Steel
	50	19	1	6	950	
	80	19	1	6	1520	
	100	19	1	6	1900	
	150	19	1	6	2850	
	200	19	2	7	3800	

Description	Size (DN)	MAWP (Bar)	Fluid Group	Diagram	PS X DN	Material
Swing Check Valves	40	19	1	6	760	Carbon Steel & Stainless Steel
	50	19	1	6	950	
	80	19	1	6	1520	
	100	19	1	6	1900	
	150	19	1	6	2850	
	200	19	2	7	3800	
	250	19	2	7	4750	
	300	19	1	8	5700	



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