

## EN ISO 15848-1 QUALIFICATION CERTIFICATE

This certificate is to certify that the valve below has been tested according to standard:  
Industrial valves measurement, test and qualification procedures for fugitive emissions  
Part 1: Classification system and qualification procedures for type testing of valves (EN ISO 15848-1:2015+A1:2017)

**Certifies that the company KURVALF VANA A.Ş**

Çınarlık Cadde No: 8 16275 Bursa / TURKEY

### Test valve details

Type	: BALL VALVE
Pressure rating	: ANSI 800
Nominal size	: DN 25 - 1"
Body material	: ASTM A350 LF2
Bonnet material	: ASTM A350 LF2
Ball / Plug material	: AISI 303
Seat Ring material	: PTFE
Stem material	: ASTM A105
Seal material	: FKM O-RING
Serial number	: B0025200125
Stem diameter	: 16 mm ( 8 mm to 32 mm qualificate)

### Valve qualification range:

Description	Tested Valve	Scope
Valve Details	1" Ball Valve	1/2" Ball Valve to 2" Ball Valve
Stem Material	ASTM A105	AISI 4140, A105, A350 LF2, AISI 316, AISI 420
Stem O-ring Material	FKM	FKM, NBR, H-NBR
Stem Diameter	16 mm	8 mm - 32 mm
Class	ANSI 800	ANSI 800 to lower
Temperature Class	T -29 °C , T 100°C	T -29°C (-29°C to RT) , T 100°C (RT to 100°C)
Tightness Class	BH	BH
<b>Performance Class: ISO FE BH – CO3 – SSA 0 – T -29°C (-29°C to RT) , T 100°C (RT to 100°C) – ANSI 800 – EN ISO 15848-1</b>		

**CONCLUSION:** We here by the certify that the pneumatic test on benath valves has been conducted at KURVALF 's laboratory designated by manufacturer and witnessed TUV AUSTRIA SILA KALİTE's inspector.  
The equipment complies with the principal requirements of EN ISO 15848-1:2015+A1:2017 Industrial valves Measurement, test and qualification procedures for fugitive emissions Part 1: Classification system and qualification procedures for type testing of valves as a based on voluntary test.  
This attestation applies only to sample of product providing to testing and verification at related test report and review of necessary technical documentation.

This certificate date  
December 2020  
Bursa 29.12.2020

**Mr. Suat ÖZ**  
The certification  
Body of TÜV AUSTRIA SILA KALİTE

Certificate No : S.12.20-TUVS-032

## EN ISO 15848-1 QUALIFICATION CERTIFICATE

This certificate is to certify that the valve below has been tested according to standard:  
Industrial valves measurement, test and qualification procedures for fugitive emissions  
Part 1: Classification system and qualification procedures for type testing of valves (EN ISO 15848-1:2015+A1:2017)

**Certifies that the company KURVALF VANA A.Ş**

Çınarlık Cadde No: 8 16275 Bursa / TURKEY

### Test valve details

Type	: BALL VALVE
Pressure rating	: ANSI 600
Nominal size	: DN 50 - 2"
Body material	: ASTM A350 LF2
Bonnet material	: ASTM A350 LF2
Ball / Plug material	: ASTM A350 LF2
Seat Ring material	: ASTM A350 LF2
Stem material	: AISI 420
Seal material	: FKM O-RING
Serial number	: B0050200449 - B0050200450
Stem diameter	: 34 mm ( 17 mm to 68 mm qualificate)

### Valve qualification range:

Description	Tested Valve	Scope
Valve Details	2" Ball Valve	1/2" Ball Valve to 8" Ball Valve
Stem Material	AISI 420	AISI 4140, A105, A350 LF2, AISI 316, AISI 420
Stem O-ring Material	FKM	FKM, NBR, H-NBR
Stem Diameter	34 mm	17 mm - 68 mm
Class	ANSI 600	ANSI 600 to lower
Temperature Class	T -29 °C , T 100°C	T -29°C (-29°C to RT) , T 100°C (RT to 100°C)
Tightness Class	BH	BH
<b>Performance Class: ISO FE BH – CO3 – SSA 0 – T -29°C (-29°C to RT) , T 100°C (RT to 100°C) – ANSI 600 – EN ISO 15848-1</b>		

**CONCLUSION:** We here by the certify that the pneumatic test on benath valves has been conducted at KURVALF 's laboratory designated by manufacturer and witnessed TUV AUSTRIA SILA KALİTE's inspector.  
The equipment complies with the principal requirements of EN ISO 15848-1:2015+A1:2017 Industrial valves Measurement, test and qualification procedures for fugitive emissions Part 1: Classification system and qualification procedures for type testing of valves as a based on voluntary test.  
This attestation applies only to sample of product providing to testing and verification at related test report and review of necessary technical documentation.

This certificate date  
December 2020  
Bursa 29.12.2020

Mr. Suat ÖZ  
The certification  
Body of TÜV AUSTRIA SILA KALİTE

Certificate No : S.12.20-TUVS-031



## EN ISO 15848-1 QUALIFICATION CERTIFICATE

This certificate is to certify that the valve below has been tested according to standard:  
Industrial valves measurement, test and qualification procedures for fugitive emissions  
Part 1: Classification system and qualification procedures for type testing of valves (EN ISO 15848-1:2015+A1:2017)

**Certifies that the company KURVALF VANA A.Ş**

Çınarlık Cadde No: 8 16275 Bursa / TURKEY

### Test valve details

Type	: BALL VALVE
Pressure rating	: ANSI 600
Nominal size	: DN 300 - 12"
Body material	: ASTM A350 LF2
Bonnet material	: ASTM A350 LF2
Ball / Plug material	: ASTM A350 LF2
Seat Ring material	: ASTM A350 LF2
Stem material	: AISI 4140
Seal material	: FKM O-RING
Serial number	: B0300190098 - B0300190099
Stem diameter	: 79 mm ( 39,5 mm to 158 mm qualificate)

### Valve qualification range:

Description	Tested Valve	Scope
Valve Details	12" Ball Valve	4" Ball Valve to 24" Ball Valve
Stem Material	AISI 4140	AISI 4140, A105, A350 LF2, AISI 316, AISI 420
Stem O-ring Material	FKM	FKM, NBR, H-NBR
Stem Diameter	79 mm	39,5 mm - 158 mm
Class	ANSI 600	ANSI 600 to lower
Temperature Class	T -29 °C , T 100°C	T -29°C (-29°C to RT) , T 100°C (RT to 100°C)
Tightness Class	BH	BH
<b>Performance Class: ISO FE BH – CO3 – SSA 0 – T -29°C (-29°C to RT) , T 100°C (RT to 100°C) – ANSI 600 – EN ISO 15848-1</b>		

**CONCLUSION:** We here by the certify that the pneumatic test on benath valves has been conducted at KURVALF 's laboratory designated by manufacturer and witneşsed TÜV AUSTRIA SILA KALİTE's inspector.

The equipment complies with the principal requirements of EN ISO 15848-1:2015+A1:2017 Industrial valves Measurement, test and qualification procedures for fugitive emissions Part 1: Classification system and qualification procedures for type testing of valves as a based on voluntary test.

This attestation applies only to sample of product providing to testing and verification at related test report and review of necessary technical documentation.

This certificate date  
December 2020  
Bursa 29.12.2020

Certificate No : S.12.20-TUVS-030

Mr. Suat ÖZ  
The certification  
Body of TÜV AUSTRIA SILA KALİTE



## EN ISO 15848-1 QUALIFICATION CERTIFICATE

This certificate is to certify that the valve below has been tested according to standard:  
Industrial valves measurement, test and qualification procedures for fugitive emissions  
Part 1: Classification system and qualification procedures for type testing of valves (EN ISO 15848-1:2015+A1:2017)

**Certifies that the company KURVALF VANA A.Ş**

Çınarlık Cadde No: 8 16275 Bursa / TURKEY

### Test valve details

Type	: BALL VALVE
Pressure rating	: ANSI 600
Nominal size	: DN 600 - 24"
Body material	: ASTM A350 LF2
Bonnet material	: ASTM A350 LF2
Ball / Plug material	: ASTM A350 LF2
Seat Ring material	: ASTM A350 LF2
Stem material	: AISI 4140
Seal material	: FKM O-RING
Serial number	: B0600200114 - B0600200115
Stem diameter	: 145 mm ( 72.5 mm to 290 mm qualificate)

### Valve qualification range:

Description	Tested Valve	Scope
Valve Details	24" Ball Valve	10" Ball Valve to 48" Ball Valve
Stem Material	AISI 4140	AISI 4140, A105, A350 LF2, AISI 316, AISI 420
Stem O-ring Material	FKM	FKM, NBR, H-NBR
Stem Diameter	145 mm	72.5 mm - 290 mm
Class	ANSI 600	ANSI 600 to lower
Temperature Class	T -29 °C , T 100°C	T -29°C (-29°C to RT) , T 100°C (RT to 100°C)
Tightness Class	BH	BH
<b>Performance Class: ISO FE BH – CO3 – SSA 0 – T -29°C (-29°C to RT) , T 100°C (RT to 100°C) – ANSI 600 – EN ISO 15848-1</b>		

**CONCLUSION:** We here by the certify that the pneumatic test on benath valves has been conducted at KURVALF 's laboratory designated by manufacturer and witnessed TUV AUSTRIA SILA KALİTE's inspector.  
The equipment complies with the principal requirements of EN ISO 15848-1:2015+A1:2017 Industrial valves Measurement, test and qualification procedures for fugitive emissions Part 1: Classification system and qualification procedures for type testing of valves as a based on voluntary test.  
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This certificate date  
December 2020  
Bursa 29.12.2020

Certificate No : S.12.20-TUVS-029

**Mr. Suat ÖZ**  
The certification  
Body of TÜV AUSTRIA SILA KALİTE  
