



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory,

**YAVUZ METAL SANAYİ VE TİCARET A.Ş.**

Organize Sanayi Bölgesi 2. Cd. No:4 Arsin 61190 TRABZON /  
TURKEY

is **accredited** in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by **TURKAK**.

**Accreditation Number** : AB-1108-T

**Accreditation Date** : 28 December 2016

**Revision Date / Number** : 07 December 2020 / 02

This certificate shall remain in force until **27 December 2024**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.




**G. Banu MÜDERRİSOĞLU**  
Secretary General

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

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### Accreditation Scope


 <b>TÜRKAK</b> <small>Test</small> <b>TS EN ISO IEC 17025</b> <b>AB-1108-T</b>	<b>YAVUZ METAL SANAYİ VE TİCARET A.Ş.</b>  <b>Accreditation Nr: AB-1108-T</b> <b>Revision Nr: 02 Date: 07.12.2020</b>
<b>As a Testing Laboratory</b>	
<b>Address:</b> Organize Sanayi Bölgesi 2. Cd. No:4 Arsin 61190 TRABZON/TÜRKİYE	<b>Phone</b> : 0462 711 20 33 <b>Fax</b> : 0462 711 20 35 <b>E-Mail</b> : info@yavuzmetal.com.tr <b>Website</b> : www.yavuzmetal.com.tr

Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Cold and Hot Water Meters (DN 15 - 40)	Static Pressure Test	ISO 4064-2 Article 7.3 OIML R49-2 Article 7.3 EN 14154-3:2005+A2:2011 Article 5.2 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)
Cold and Hot Water Meters (DN 15 - 40)	Determination of intrinsic errors (of indication)	ISO 4064-2 Article 7.4 OIML R49-2 Article 7.4 2014/32/AB (MI-001) 2004/22/AT (MI-001) (*It was repealed on 29.06.2016. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.) EN 14154-3:2005+A2:2011 Article 5.3 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)
Cold and Hot Water Meters (DN 15 - 40)	Water temperature test	ISO 4064-2 Article 7.5 OIML 49-2 Article 7.5 EN 14154-3:2005+A2:2011 Article 5.6 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)
Cold and Hot Water Meters (DN 15 - 40)	Overload water temperature test	ISO 4064-2 Article 7.6 OIML 49-2 Article 7.6 EN 14154-3:2005+A2:2011 Article 5.7 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)



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### Accreditation Scope


 <p>Test TS EN ISO IEC 17025 AB-1108-T</p>	<p>YAVUZ METAL SANAYİ VE TİCARET A.Ş.</p> <p>Accreditation Nr: AB-1108-T Revision Nr: 02 Date: 07.12.2020</p>
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Cold and Hot Water Meters (DN 15 - 40)	Water pressure test	ISO 4064-2 Article 7.7 OIML 49-2 Article 7.7 EN 14154-3:2005+A2:2011 Article 5.8 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)
Cold and Hot Water Meters (DN 15 - 40)	Reverse flow test	ISO 4064-2 Article 7.8, OIML 49-2 Article 7.8, EN 14154-3:2005+A2:2011 Article 5.12 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)
Cold and Hot Water Meters (DN 15 - 40)	Pressure loss test	ISO 4064-2 Article 7.9 OIML 49-2 Article 7.9 EN 14154-3:2005+A2:2011 Article 5.11 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)
Cold and Hot Water Meters (DN 15 - 40)	Flow disturbance tests	ISO 4064-2 Article 7.10 OIML 49-2 Article 7.10 EN 14154-3:2005+A2:2011 Article 5.9 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)
Cold and Hot Water Meters (DN 15 - 40)	Durability tests (Accelerated wear test) (Continuous flow and discontinuous flow)	ISO 4064-2 Article 7.11 OIML 49-2 Article 7.11 EN 14154-3:2005+A2:2011 Article 5.13 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)



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Accreditation Scope

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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
Cold and Hot Water Meters (DN 15 - 40)	Absence of flow test	ISO 4064-2 Article 8.17 OIML 49-2 Article 8.17 EN 14154-3:2005+A2:2011 Article 5.5 (*It was repealed on 18.02.2015. However, it has been included in the scope of accreditation temporarily, based on the request of the organization.)

End of Scope

*Banıtül*

**G. Banu MÜDERRİSOĞLU**  
Secretary General

