

Date

2025-06-04

Reference

2025/891

Scope of accreditation

Testing according to SS-EN ISO/IEC 17025:2018

Outokumpu Stainless AB

Avesta

Accreditation number

1098

Provningslab, Avesta

A000354-008

Climate and environmental durability

Corrosion testing

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Field</i>	<i>Note</i>
ASTM A1084-15a	Pitting corrosion		Metallic materials	No	Method C
ASTM A262-15	Strauss test		Metallic materials	No	Method E
ASTM A923-23	Pitting corrosion		Metallic materials	No	Method C
ASTM G28-24	Intergranular corrosion rate		Metallic materials	No	Method A
ASTM G48-11	Pitting corrosion		Metallic materials	No	Method A
SS-EN ISO 3651-2:1998	Strauss test		Metallic materials	No	Method A
			Metallic materials	No	Method C

Material testing

Metallography

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Field</i>	<i>Note</i>
ASTM A923-23	Intermetallic phase		Metallic materials	No	Method A
ASTM E112-24	Grain size		Metallic materials	No	Comparison method
ASTM E1245-03	Ferrite content		Metallic materials	No	
Inhouse method; QF0094 ed 4	Intermetallic phase		Metallic materials	No	
Inhouse method; QF0184 ed 5	Ferrite content		Metallic materials	No	

Strength testing

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Field</i>	<i>Note</i>
ASTM A370-24a	Bend testing		Steel	No	Only chapter 15
	Hardness Testing	Brinell	Steel	No	Only chapter 17

Strength testing

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Field</i>	<i>Note</i>
ASTM A370-24a	Hardness Testing	Rockwell	Steel	No	Only chapter 18
	Impact Testing	Charpy	Steel	No	Only chapter 20-30
	Tensile Testing		Steel	No	Only chapter 6-14
ASTM A923-23	Impact Testing		Metallic materials	No	Method B
ASTM E10-23	Hardness Testing	Brinell	Metallic materials	No	
ASTM E18-24	Hardness Testing	Rockwell	Metallic materials	No	
ASTM E21-20	Tensile Testing		Metallic materials	No	
ASTM E290-22	Bend testing		Metallic materials	No	
SS-EN ISO 148-1:2016	Impact Testing	Charpy	Metallic materials	No	
SS-EN ISO 6506-1:2014	Hardness Testing	Brinell	Metallic materials	No	
SS-EN ISO 6507-1:2018	Hardness Testing	Vickers	Metallic materials	No	
SS-EN ISO 6508-1:2016	Hardness Testing	Rockwell	Metallic materials	No	
SS-EN ISO 6892-1:2019	Tensile Testing		Metallic materials	No	Method A1, Method B
SS-EN ISO 6892-2:2018	Tensile Testing		Metallic materials	No	

Changes in the scope of accreditation are in bold.