

Date

Reference

2020-05-04

2018/2320

Scope of accreditation

Testing laboratory

Outokumpu Stainless AB

Avesta

Accreditation number

1098

Provningslab

A000354-008

Climate and environmental durability

Corrosion testing

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Field</i>	<i>Note</i>
ASTM A1084, utg 15a	Pitting corrosion		Metallic materials	No	No	Method C
ASTM A262, edition 15	Strauss test		Metallic materials	No	No	Method E
ASTM A923, edition 14	Pitting corrosion		Metallic materials	No	No	Method C
ASTM G48, utg 11	Pitting corrosion		Metallic materials	No	No	Method A
SS-EN ISO 3651-2:1998	Strauss test		Metallic materials	No	No	Method A
SS-EN ISO 3651-2:1998	Strauss test		Metallic materials	No	No	Method C

Material testing

Metallography

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Field</i>	<i>Note</i>
ASTM A923, edition 14	Intermetallic phase		Metallic materials	No	No	Method A
ASTM E112, edition 13	Grain size		Metallic materials	No	No	Comparison method
ASTM E1245, edition 03 (reapproved 2008)			Metallic materials	No	No	
Inhouse method; QF0094 Utg 4	Intermetallic phase		Metallic materials	No	No	

Date

Reference

2020-05-04

2018/2320

Inhouse method; QF0184 Utg 5	Ferrite content		Metallic materials	No	No	
---------------------------------	-----------------	--	--------------------	----	----	--

Strength testing

<i>Method</i>	<i>Parameter</i>	<i>Technique</i>	<i>Material</i>	<i>Flex</i>	<i>Field</i>	<i>Note</i>
ASTM A370, utg 18	Bend testing		Steel	No	No	Only chapter 15
ASTM A370, utg 18	Hardness Testing	Brinell	Steel	No	No	Only chapter 17
ASTM A370, utg 18	Hardness Testing	Rockwell	Steel	No	No	Only chapter 18
ASTM A370, utg 18	Impact testing	Charpy	Steel	No	No	Only chapter 20-29
ASTM A370, utg 18	Tensile Testing		Steel	No	No	Only chapter 6-14
ASTM A923, edition 14	Impact testing		Metallic materials	No	No	Method B
ASTM E10, utg 18	Hardness Testing	Brinell	Metallic materials	No	No	
ASTM E18, utg 19	Hardness Testing	Rockwell	Metallic materials	No	No	
ASTM E21, edition 17	Tensile Testing		Metallic materials	No	No	
ASTM E290, edition 14	Bend testing		Metallic materials	No	No	
SS-EN ISO 148-1:2016	Impact testing	Charpy	Metallic materials	No	No	
SS-EN ISO 6506-1:2014	Hardness Testing	Brinell	Metallic materials	No	No	
SS-EN ISO 6508-1:2016	Hardness Testing	Rockwell	Metallic materials	No	No	
SS-EN ISO 6892-1:2016	Tensile Testing		Metallic materials	No	No	Only method B
SS-EN ISO 6892-2:2018, ver 2	Tensile Testing		Metallic materials	No	No	

Changes in the scope of accreditation are in bold.