

Date

Reference

2024-07-02

2024/1617

Scope of accreditation

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

ÅF-Industry AB

Borlänge

Accreditation number

10479

A013631-001

Material testing

| Method | Parameter | Technique | Material | Flex | Type of flex | Field | Note |
|----------------------------------------------------------------------|-----------------|-----------|--------------------|------|--------------|-------|------|
| Inhouse method: 9.4.1.1. Utmattningsprovning av komponenter | Fatigue testing | | Composites | Yes | 2 | No | |
| | | | Metallic materials | Yes | 2 | No | |
| | | | Polymers | Yes | 2 | No | |
| SS-EN ISO 17639 | Macro, micro | | Weld | Yes | 2 | No | |
| TDOK 2014:0586 | Makro | | Metallic materials | Yes | 2 | No | |

Strength testing

| Method | Parameter | Technique | Material | Flex | Type of flex | Field | Note |
|------------------|------------------|-----------|--------------------|------|--------------|-------|-----------------|
| SS-EN ISO 148-1 | Impact Testing | | Metallic materials | Yes | 2 | No | |
| SS-EN ISO 4136 | Tensile Testing | | Weld | Yes | 2 | No | |
| SS-EN ISO 5173 | Bend testing | | Metallic materials | Yes | 2 | No | |
| SS-EN ISO 5178 | Tensile Testing | | Weld | Yes | 2 | No | |
| SS-EN ISO 6507-1 | Hardness Testing | | Metallic materials | Yes | 2 | No | |
| | | Vickers | Metallic materials | Yes | 2 | No | |
| SS-EN ISO 6892-1 | Tensile Testing | | Metallic materials | Yes | 2 | No | |
| SS-EN ISO 9015-1 | Hardness Testing | | Weld | Yes | 2 | No | |
| SS-EN ISO 9016 | Impact Testing | | Metallic materials | Yes | 2 | No | |
| SS-EN ISO 9017 | Bend testing | | Metallic materials | Yes | 2 | No | Endast kälsvets |
| TDOK 2014:0586 | Bend testing | | Metallic materials | Yes | 2 | No | |
| | Hardness Testing | | Weld | Yes | 2 | No | |

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Strength testing

| <i>Method</i> | <i>Parameter</i> | <i>Technique</i> | <i>Material</i> | <i>Flex</i> | <i>Type of flex</i> | <i>Field</i> | <i>Note</i> |
|----------------|------------------|------------------|--------------------|-------------|---------------------|--------------|-------------|
| TDOK 2014:0587 | Bend testing | | Metallic materials | Yes | 2 | No | |

Material testing

Non-destructive testing

| <i>Technique</i> | <i>Method</i> | <i>Material</i> | <i>Requirement specification</i> | <i>Flex</i> | <i>Type of flex</i> | <i>Field</i> | <i>Note</i> |
|---------------------------|----------------------------------------------------------------------------------------------------|-----------------|----------------------------------|-------------|---------------------|--------------|---------------------------------------|
| Magnetic Particle Testing | SS-EN ISO 17638 | Weld | SS-EN ISO 23278 | Yes | 2 | Yes | |
| Penetrant Testing | SS-EN ISO 3452-1 | Weld | SS-EN ISO 23277 | Yes | 2 | Yes | |
| Radiographic Testing | SS-EN ISO 10675-1 | Weld | SS-EN ISO 10675-1 | Yes | 2 | No | |
| | SS-EN ISO 10675-2 | Weld | SS-EN ISO 10675-2 | Yes | 2 | No | |
| | SS-EN ISO 17636-1 | Weld | SS-EN 13445-5 | Yes | 2 | No | |
| | | Weld | SS-EN 13480-5 + C2 | Yes | 2 | No | |
| | | Weld | SS-EN ISO 10675-1 | Yes | 2 | No | |
| | | Weld | SS-EN ISO 10675-2 | Yes | 2 | No | |
| | SS-EN ISO 17636-2 | Weld | SS-EN ISO 10675-1 | Yes | 2 | No | |
| | | Weld | SS-EN ISO 10675-2 | Yes | 2 | No | |
| SS-EN ISO 5579 | Weld | SS-EN ISO 18279 | Yes | 2 | No | | |
| Ultrasonic Testing | Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment | Weld | SS-EN ISO 11666 | Yes | 2 | Yes | |
| | TRVINFR-00015 | Weld | TRVINFR-00015 | Yes | 2 | Yes | Begränsning: Nya svetsar (kapitel 14) |
| Visual testing | SS-EN ISO 17637 | Weld | SS-EN 13445-5 | Yes | 2 | Yes | |
| | | Weld | SS-EN 13480-5 + C2 | Yes | 2 | Yes | |
| | | Weld | SS-EN ISO 10042 | Yes | 2 | Yes | |
| | | Weld | SS-EN ISO 5817 | Yes | 2 | Yes | |

Changes in the scope of accreditation are in bold.

The scope of accreditation is flexible as specified in this decision. The accredited body must always retain a current list of the scope for which it is accredited.

Type of flexible scope

1: - Introduce new version of standard method and make editorial changes to non-standard method

2: - Introduce new version of standard method and make editorial changes to non-standard method - Introduce new version and modifications of non-standard method. The procedure must be equivalent - Introduce new parameter/component/characteristics - Introduce new measurement range - Introduce new material/new products/matrices - Introduce new method equivalent to methods already in the accreditation decision