



Certificate

The SQS herewith attests that the organisation named below has a management system that meets the requirements of the normative base mentioned.



HAKAMA AG
Hauptstrasse 50
4112 Bättwil
Switzerland

Scope

Development and production of housings and components made of thin sheet

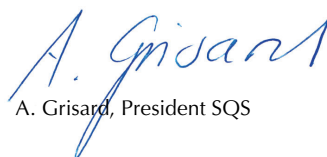
Normative base

ISO 3834-2:2021

Quality requirements for the fusion welding of metallic materials
Part 2, 1. Edition 2021

Reg. no. 44382
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A. Grisard, President SQS


F. Müller, CEO SQS



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Swiss Association for Quality and Management Systems (SQS)
Bernstrasse 103, 3052 Zollikofen, Switzerland



The SQS herewith attests that the organisation named below is qualified to carry out welding work in the areas specified below.



HAKAMA AG
Hauptstrasse 50
4112 Bättwil
Switzerland

Welding processes under EN ISO 4063	Materials group under CR ISO 15608	Other materials	Dimensions mm	Comments
131	22.3		t=1-4 mm (BW)	EN ISO 15614-2
135	1.1, 8.1		t=0.75-3 mm (BW)	EN ISO 15614-1
135	8.1		t=1-3 mm (FW)	
135	1.1		t=1.4-4 mm (BW)	
141	8.1		t=0.5-2.4mm (BW)	EN ISO 15614-1
			ø=10.6 mm	
141	8.1		t=1-2 mm (BW)	
141	8.1		t=1-3 mm (FW)	
141	7.1		t=1-3 mm (BW)	
			ø=500 mm	
141	22.3		t=1-4 mm (BW)	EN ISO 15614-2
141	8.1		t=1.4-6 mm	FW, t1=1.4-4 mm (Rohr)
			ø=13.5 mm	mit t2=2.1-6 mm (Blech)
212	8.1		t=1.5 mm	EN ISO 15614-12
521	8.1		t=0.8-3.6mm	EN ISO 15614-11
				Stichnaht t1=1 mm mit
				t2=3 mm, s: 2-3 mm
521	8.1		t=1-1.5 mm	EN ISO 15614-11
521	8.1		t=1.6-2.4mm	EN ISO 15614-11
786	8.1		t=1.5 mm	EN ISO 14555

	Surname	First name	Description/Title
Welding supervisor:	Hofer	Manuel	Level B

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