



Certificate

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



Richard AG Murgenthal
Hauptstrasse 115
4853 Murgenthal
Switzerland

Scope

**Development, production, service and sales
of rail vehicle components**

Normative base

ISO 3834-2:2005

**Quality requirements for the fusion welding
of metallic materials**
Part 2, 1. Edition 2005

Reg. no. 35757
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Validity 14.06.2022 – 28.04.2025
Issue 14.06.2022


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sqs.ch



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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.



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| Welding processes under EN ISO 4063 | Materials group under CR ISO 15608 | Other materials | Dimensions mm | Comments |
|-------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|-------------------|
| 111 | 8 | | t = 3 - 8 mm | EN ISO 15614-1 |
| | 1.2 | | t = 3 - 8 mm D >= 20 mm | EN ISO 15614-1 |
| 135 | 1.2 | | t = 3 - 10 mm | EN ISO 15614-1 |
| | 1.2 | | t = 5 - 20 mm (FW) | EN ISO 15614-1 |
| 141/111 | 1.2 | | 2mm mit 6mm (FW) | EN ISO 15614-1 |
| | 1.2 | | 2mm mit 8mm (FW) | EN ISO 15614-1 |
| | 1.2 | | t = 3 - 6 mm (BW) D >= 25 mm | EN ISO 15614-1 |
| | 8 | | t = 3 - 8 mm (FW) D >= 15 mm | EN ISO 15614-1 |
| 141/135 141 | 1.2 | | t = 3 - 8 mm (FW) D = 15 - 160 mm | EN ISO 15614-1 |
| | 1.2 / 8 | | t = 3 - 9.6 mm (FW) D >= 35 mm | EN ISO 15614-1 |
| | 1.2, 8 | | t = 2 - 6 mm (FW) | EN ISO 15614-1 |
| | 1.1 | | 16mm mit 1mm (FW) | EN ISO 15614-1 |
| | 1.2/8.1 | | 3mm mit 20mm (FW) | EN ISO 15614-1 |
| | 8 | | t = 1 - 3 mm (FW) | EN ISO 15614-1 |
| | 22 | | t = 1 - 4 mm (FW) | EN ISO 15614-1 |
| | 1.2 | | t = 1 - 6 mm (FW) D >= 10 mm | EN ISO 15614-1 |
| | 8 | | t = 1 - 8 mm (FW) D >= 12.5 mm | EN ISO 15614-1 |
| | 8.1 | | t = 1.1 - 3 mm (FW) | EN ISO 15614-1 |
| 23 | | t = 1.5 - 6 mm | EN ISO 15614-1 | |
| 1.2 | | t = 2.1 - 7 mm (FW) | EN ISO 15614-1 | |
| 23 | | t = 3 - 8 mm (FW) D = 25 - 100 mm | EN ISO 15614-1 | |
| 23 | | t = 3 - 8 mm (BW) D >= 29 mm | EN ISO 15614-1 | |
| 1.2/8 | | t = 3 - 9.6 mm (FW) D >= 35 mm | EN ISO 15614-1 | |
| 786 | 8.1 | | | M3-M8 (3.0-6.0mm) |

| | Surname | First name | Description/Title |
|---------------------|---------|------------|-------------------|
| Welding supervisor: | Weber | Sebastian | Level C |
| Deputizing: | Fluri | Urs | Level B |
| | Pastore | Marcello | Level B |

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