

# CERTIFICATE

**TÜV NORD Systems GmbH & Co. KG**

certifies that the company

**Đuro Đaković Kompenzatori d.o.o.**  
**Dr. Mile Budaka 1**  
**35000 Slavonski Brod / Croatia**

has been verified and recognized  
as welding workshop based on the requirements of the standard

**DIN EN ISO 3834-2**

Comprehensive quality requirements

**Certificate-No.: 07/204/1326/HS/3212/21**

The range of validity and details of the inspection can be seen  
on the back page and in our report

No.: 8119403477

The company is using a quality assurance system,  
technical equipment, qualified personnel and procedures for joining processes.

This certificate is valid until

**May 2024**



Hamburg, 20.07.2021

Dipl.-Ing. M. Kaschner

To verify the validity of the digital signature of the TÜV NORD Systems  
employee, the installation of the TÜV NORD GROUP root certificate is  
required: <https://www.tuev-nord.de/en/customer-login/digital-signature/>

Certification body  
of TÜV NORD Systems GmbH & Co. KG  
Accredited Body

## Scope of the welding activities

Only valid in relation and as an attachment to the certificate DIN EN ISO 3834 Part 2

Manufacturer: Đuro Đaković Kompenzatori d.o.o., 35000 Slavonski Brod / Croatia  
Cert.-no.: 07/204/1326/HS/3212/21  
Date of issue: 20.07.2021

### 1 Product(s) of the manufacturer

In the following depending on possibly further required certifications:

Design and manufacturing of expansion joints made from stainless steel as well as nickel and special alloys i. a. for the use in the chemical and petrochemical industry, in heating and ventilation units, in exhaust manifolds, valves and power generators

Manufacturing of chimney elements EN 1856 (1301-CPR-0694 valid until 05.2021)

### 2 Product standards and other standards (see DIN EN ISO 3834-5)

DIN EN 13480, DIN EN 13445, AD 2000 HP0  
DIN EN 14917 (Metal bellows expansion joints),  
EJMA IX (Expansion Joint Manufacturers Association)  
DIN EN ISO 9606-1, DIN EN ISO 9606-4, DIN EN ISO 14732  
DIN EN ISO 5817  
DIN EN ISO 15614-1, DIN EN ISO 15613

### 3 Material groups (acc. to CEN ISO/TR 15608)

1.1, 1.2  $R_{eH} \leq 355$  MPa, 1.3  $R_{eH} \leq 460$  MPa, 5.1, 8.1, 8.2, 42, 43, 45

### 4 Welding processes and related material groups

| Welding processes (acc. to ISO 4063) with grade of mechanization              | Material groups (acc. to CEN ISO/TR 15608)                |
|---|---|
| 135 MAG Metal active gas welding, partly-mechanized                           | 1.1, 1.2 $R_{eH} \leq 355$ MPa, 5.1, 8.1                  |
| 136 MAG Metal active gas welding with flux cored electrode, partly-mechanized | 1.1, 1.2 $R_{eH} \leq 355$ MPa, 8.1                       |
| 111 E Manual metal arc welding  | 1 $R_{eH} \leq 460$ MPa, 8.1                              |
| 141 TIG Tungsten inert gas welding, manual                                    | 1.1, 1.2 $R_{eH} \leq 355$ MPa, 5.1, 8.1, 8.2, 42, 43, 45 |
| 142 TIG Tungsten inert gas welding without filler **) metal, fully mechanised | 1.1 $R_{eH} \leq 280$ MPa, 8.1, 8.2, 42, 43, 45           |
| 121 SAW Submerged arc welding, fully mechanized                               | 1.1, 1.2 $R_{eH} \leq 355$ MPa, 8.1, 45                   |

\*\*) corrosion resistance reduced

### 5 Responsible welding coordinators

| Name         | Qualification | Scope of competence and level *   |
|--------------|---------------|-----------------------------------|
| Pavić, Josip | IWE           | Responsible welding coordinator C |

\* The level of knowledge complies with ISO 14731 B, S or C