



TDS Brno - SMS, s.r.o.

Mariánské nám. 1, 617 00 Brno, Morava, Česká republika (CZ)

I Člen AIO, TDS, CWS ANB (člen EWF, IIW a IAB) I

I Member of AIO, TDS, CWS ANB (member of EWF, IIW and IAB) I

Technická, školicí, zkušební, certifikační a inspekční činnost

Technical, training, testing, certification and inspection activity

TDS-SMS-COV, Certification Body for certification of products and welding processes № 3169, accredited by Czech Accreditation Institute, Public Service Company according to EN 45011:1998

hereby issues

C E R T I F I C A T E

for welding process according to EN ISO 3834-2:2005

DESIGN, ENGINEERING, DESIGNING, REALIZATION, ERECTION, SERVICING,
RECONSTRUCTION AND TESTING OF HYDRO POWER PLANTS, PUMP
STATIONS, HYDRO STRUCTURES AND STEEL CONSTRUCTIONS

Producer: **ČKD Blansko Engineering, a.s.**
Čapkova 2357/5
678 01 Blansko, CZ

This certificate has been issued on the ground of meeting the requirements specified in the above mentioned standard EN ISO 3834-2.

The certificate validity is conditioned by written appointment of the welding inspector in the above mentioned firm, according to EN ISO 14731 and periodical surveillances by the above mentioned Certification Body.

Integral part this certificate is evaluation report and back page the certificate with detailed specification.

Result of certificating have to do with only of subject evaluation. This certificate is possibly reproduce only as total.

№ of certificate: **TDS-SMS-COV-008/2**

The certificate is valid till: **06.12.2011**

№. of evaluation report: **008/02/2008**

Date and place of the primary certificate issuance: **07.12.2006, Brno**

Date and place of the latest certificate issuance: **22.12.2008, Brno**

Ing. Jan Opletal

Deputy of Certificate Body



Ing. Dr. Vladimír Kudělka

Director of TDS Brno – SMS, s.r.o.

FOR AUTHENTICATE OF CERTIFICATE CALL: +420 545 129 470

600-F11 – revision № 3

Detailed specification

1. Type of product / Type of welding process:

Quality requirements for fusion welding of metallic materials

2. The normative document and the procedure according to which the product was certified:

EN ISO 3834-2 / TOI-601

3. The standards applied to the product:

EN ISO 3834-1, EN ISO 3834-2, EN ISO 3834-5, CEN ISO/TR 3834-6,
ČSN 731401, ČSN 732601, ČSN P ENV 1090-1, DIN 18800-Teil 7, DIN 19704

4. The Group of base material (according to CEN ISO/TR 15608):

Group 1.1, 1.2, 1.4, 7.2, 8.1

5. Welding and related processes (according to EN ISO 4063):

Manual metal arc welding (111)
Metal active gas welding (135)
Tungsten inert gas welding (141)

For accessory operations:

Oxy-acetylene welding (311)

6. The deviation (standards other than EN, other the deviation, special requirements):

Direction 97/23/ES

7. Entrusted welding coordinator (according to EN ISO 14731):

Name and surname	Level of qualifying	Number of diploma
Ing. Josef Mizerovský	European welding engineer	EWE/CZ 01060
Ing. Michal Král	European welding technologist	EWT/CZ 00143
Alois Machač	International welding specialist	IWS/CZ 02001