



Industrie Service

CERTIFICATE

TÜV SÜD-DG-0049.2015.002

Manufacturer: **Equipos Nucleares, S.A., S.M.E.**
Avda. Juan Carlos I, 8
ES – 39600 Maliaño (Cantabria)

Plant(s): **Avda. Juan Carlos I, 8**
ES – 39600 Maliaño (Cantabria)

Inspection according: **AD 2000-Merkblatt HP 0 / EN ISO 3834-2**

The company

- has facilities permitting manufacturing and inspection in compliance with the current technical standards,
- operates a quality system which guarantees that manufacturing and inspection of the products stated in our report are in conformity with the technical rules and standards,
- employs qualified supervisory and inspection personnel.

The company has the welding suitability for manufacturing pressure equipment according above mentioned standards.

Independently of this certificate the requirements of the respectively selected module have to be considered within the framework of manufacturing pressure equipment according to Pressure Equipment Directive 2014/68/EU.

Report no.: 8100402465-19

Valid until: October 2021

Munich, May 2, 2019

Certification Body
Material and Welding Technology




Matthias Strobel



EQ2933304



Industrie Service

CERTIFICATE

TÜV SÜD-W-0049.2015.002

Manufacturer: **Equipos Nucleares, S.A., S.M.E.**
Avda. Juan Carlos I, 8
ES – 39600 Maliaño (Cantabria)

Plant(s): **Avda. Juan Carlos I, 8**
ES – 39600 Maliaño (Cantabria)

The above mentioned company fulfills the

**comprehensive quality requirements for fusion
welding of metallic materials**

according to

EN ISO 3834-2

Contract: 8100402465-19

Valid until: October 2021

Munich, May 2, 2019

Certification Body
Material and Welding Technology


Matthias Strobel



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The following range is certified according to EN ISO 3834-2

Scope of production: Pressure vessels, Steam generators and Heat exchangers for nuclear purposes.

Base material(s): - 1.1, 1.2, 3, 4, 5, 7, 8, 9, 10, 21, 22, 23,43
(Group(s) according to EN ISO/TR 15608)

Dimension of items: Thickness up to 390 mm, max. length 21 m ,
max. \varnothing 6,5 m , max. piece weight 650 t

Welding processes:
(Process numbers according to EN ISO 4063)

111	Manual arc welding
121	Submerged arc welding with solid wire electrode
122	Submerged arc welding with strip electrode
131	MIG welding with solid wire electrode
135	MAG welding with solid wire electrode
136	MAG welding with flux cored electrode
141	TIG welding with solid filler material (wire / rod)
142	TIG welding without filler material
15	Plasma arc welding
72	Electroslag welding
783	Drawn arc stud welding with ceramic ferrule or shielding gas

Welding supervisor: Mr. Jose Luis Barreda Argüeso (IWE)
Deputy: Mr. Angel Tomás Peña de la Riva (IWT)

Personnel for non-destructive testing:
Responsible: Mr. Antonio Cabeza Fernandez

All other relevant data are detailed in our report no 8100402465-19.

Remarks:
None



General Provisions

Should one of the named welding and testing supervisors leave the company, or welding and test procedures or important parts of equipment required for these procedures be changed or any of the welding-related quality assurance measures be modified, this must be reported beforehand to TÜV SÜD Industrie Service GmbH (hereinafter referred to as TÜV SÜD). If necessary, TÜV SÜD will initiate a renewed inspection at the company. The same applies to the permanent discontinuance of welding work.

Should there be any doubts pertaining to the qualification of the company, TÜV SÜD shall have the right to inspect the company and to carry out tests at the company at any time without prior notification.

This certificate can be withdrawn, amended or modified with immediate effect and without any compensation, if the conditions under which it was issued have changed or if the stipulations and provisions outlined in this certificate or the pertinent report have not been observed.

This certificate shall become invalid if the welding supervisor named therein leaves the company.

The authorization shall be suspended for as long as the company does not have a recognized responsible welding supervisor and no accepted deputy is on hand.

Application for renewal should be submitted to TÜV SÜD at least 2 months prior to expiry of the certificate.

Invalid or revoked certificates must be returned immediately to TÜV SÜD.

This certificate may only be copied or published in its entirety for advertising and other purposes. The text of promotional material may not contradict this certificate.