

CERTIFICATE

TÜV NORD Turkey Teknik Kontrol ve Belgelendirme A.Ş.

Quality requirements for fusion welding of metallic materials

EN ISO 3834-2

Manufacturer/production facility

FSA Alfa Enerji Mak. San.Tic. Ltd. Şti.
Karadenizliler Mahallesi Korgan Sokak No:39
Başiskele/KOCAELİ

Standard:

EN ISO 3834-2

Scope:

Heat exchanger
Serpentine
Radiator
Economizer
Evaporator
Condenser
Heat Boiler
Hot Air Appliance



Certificate No:

CR-TUVNORD-2023/0113-R00

Report No:

RP-CR-TUVNORD-2023/0112-R00

Certificate start date:

04/07/2023

Certificate expiry date:

03/07/2026

The company is using a quality assurance system, technical equipment, qualified personnel and procedures for joining processes for manufacturing and testing of welded products.

Istanbul, 05/07/2023

Serhan ZURNACI



See Annex 1

Technical Manager of
TÜV NORD Turkey Teknik Kontrol ve
Beygelendirme A.Ş.

In case of continuous adherence to the requirements of the standard and certification agreements the certificate remains valid until the date specified above.

Annex 1

TÜV NORD Turkey Teknik Kontrol ve Belgelendirme A.Ş. EN ISO 3834-2

Scope of certification

Welding process according to EN 4063	Base Material acc.to CEN ISO/TR 15608	Joint Type	Approval Range of Thickness
111	1.1	FW	1.3-5.2 ; >8
135	1.1	FW	3-20 ; 3-20
141	1.1	FW	2,1-24 ; 0,47-20
141	1.1 to 1.2	FW	1-4 ; >14
141	1.2	FW	2-28 ; 5-28
141	8.1	FW	2,1-30 ; 0,5-30
141	8.1-1.1	FW	3-16 ; 3-16
141-135	1.2	BW	3-20 ; <8 ≤12
141	1.2	BW	0,7-10 ; 3-20
141	1.1	BW	1-20 ; 1-20
141	8.1	BW	0,8-6 ; 0,8-6
141	8.1-1.1	BW	3-10 ; 3-10
141	8.2-1.2	BW	3-20 ; <20
141-135	1.2	BW	3-20 ; <8 ≤12

Responsible Welding Coordinator

Name Surname	Birth Place	Birth Date
Ahmet ACAROĞLU		08.11.1994

Deputy welding coordinator

Name Surname	Birth Place	Birth Date
Muhammed Ali Kiray		27.02.1992

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Technical Manager

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