



CERTIFICATE



EN ISO 9606-1 135 P BW FM1 S s6 PA bs

Certificate Nr.: **21-IS-0306-TAT-23-WLD-0233**

Manufacturer's welding procedure spec.: **pwps-01**

Surname / first name of the welder:

KARAKAYA, Kenan

Identification / Method of identification

ID-Card 73330044846

Date / Place of birth

1.05.1990/ Turkey

Employer:

DCK ENERJİ

Code / Testing Standard

EN ISO 9606-1:2017

Examining body: **TÜV AUSTRIA CERT GMBH**

A-1015 Wien, Krugerstrasse 16

Examiner: **Kaan ÖZDOĞAN**

Welder's identification mark: --

Approval acc. to PED: --

Test data - Details		Scope
Welding process	135	135, 138
Transfer mode	Short, Spray	All transfer modes
Product type (Plate or Tube)	P	P, T:(Fixed ≥500 mm, Rot.≥ 75 mm)
Type of weld	BW	BW
Parent material group(s)	CR ISO 15608 Group 1.1	-
Filler metal group	FM1 / S	FM1, FM2 / S, M
Filer material (designation)	EN ISO 14341 – A G 42 4 M21 3Si1	-
Shielding gas	EN ISO 14175: M24	-
Auxiliaries	-	-
Type of current and polarity	DC (+)	-
Material thickness of test piece (mm)	6	-
Deposited thickness (mm)	6	3 to 12
Outside pipe diameter (mm)	-	-
Welding position	PA	PA
Details of weld seam	bs	ss mb, bs

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information

	Performed and accepted	Not required
Visual Testing	x	
Radiographic Examination		x
Ultrasonic test		x
Magnetic Particle Test		x
Macro section		x
Fracture test	x	
Bend test		x
Notched Tensile test		x
Additional tests		x
Hardness test		x
Job knowledge		x

Extension acc. to point 9.3 c	
Date	Signature

Name and Signature: **Osman YILDIRIM**

Certification Body: **TÜV AUSTRIA CERT GMBH**

Place of issue: **Ankara**

Date of issue: **13.02.2023**

Place of testing: **Ankara**

Date of testing: **10.02.2023**

Acc. to 9.3.a

Valid until: **: **12.02.2026**



*Details on supplementary sheet, if required

**In case of proper confirmation of employer or supervisor (acc. to testing standard)



CERTIFICATE

EN ISO 9606-1 135 P FW FM1 S t6 PB ml



Certificate Nr.: **21-IS-0306-TAT-23-WLD-0234**

Manufacturer's welding procedure spec.: **pwps-02**

Surname / first name of the welder:

ÖZDEMİR, Yalçın

Identification / Method of identification

ID-Card 51376325204

Date / Place of birth

24.04.1980 / Turkey

Employer:

DCK ENERJİ

Code / Testing Standard

EN ISO 9606-1:2017

Examining body: **TÜV AUSTRIA CERT GMBH**

A-1015 Wien, Krugerstrasse 16

Examiner: **Kaan ÖZDOĞAN**

Welder's identification mark: --

Approval acc. to PED: --

Test data - Details		Scope
Welding process	135	135, 138
Transfer mode	Short, Spray	All transfer modes
Product type (Plate or Tube)	P	P, T:(Fixed ≥500 mm, Rot.≥ 75 mm)
Type of weld	FW	FW
Parent material group(s)	CR ISO 15608 Group 1.1	-
Filler metal group	FM1 / S	FM1, FM2, / S, M
Filer material (designation)	EN ISO 14341 – A G 42 4 M21 3Si1	-
Shielding gas	EN ISO 14175: M24	-
Auxiliaries	-	-
Type of current and polarity	DC (+)	-
Material thickness of test piece (mm)	6	≥3
Deposited thickness (mm)	-	-
Outside pipe diameter (mm)	-	-
Welding position	PB	PA, PB
Details of weld seam	ml	sl, ml

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information

	Performed and accepted	Not required
Visual Testing	X	
Radiographic Examination		X
Ultrasonic test		X
Magnetic Particle Test		X
Macro section		X
Fracture test	X	
Bend test		X
Notched Tensile test		X
Additional tests		X
Hardness test		X
Job knowledge		X

Extension acc. to point 9.3 c	
Date	Signature

Name and Signature: **Osman YILDIRIM**

Certification Body: **TÜV AUSTRIA CERT GMBH**

Place of issue: **Ankara**

Date of issue: **13.02.2023**

Place of testing: **Ankara**

Date of testing: **10.02.2023**

Acc. to 9.3.a

Valid until: **: **12.02.2026**

*Details on supplementary sheet, if required

**In case of proper confirmation of employer or supervisor (acc. to testing standard)



CERTIFICATE



EN ISO 9606-1 135 P BW FM1 S s6 PA bs

Certificate Nr.: **21-IS-0306-TAT-23-WLD-0235**

Manufacturer's welding procedure spec.: **pwps-01**

Surname / first name of the welder:

DEVLEN, Mehmet

Identification / Method of identification

ID-Card 10284097078

Date / Place of birth

7.07.1983 / Turkey

Employer:

TUĞÇULAR

Code / Testing Standard

EN ISO 9606-1:2017

Examining body: **TÜV AUSTRIA CERT GMBH**

A-1015 Wien, Krugerstrasse 16

Examiner: **Kaan ÖZDOĞAN**

Welder's identification mark: --

Approval acc. to PED: --

Test data - Details		Scope
Welding process	135	135, 138
Transfer mode	Short, Spray	All transfer modes
Product type (Plate or Tube)	P	P, T:(Fixed ≥500 mm, Rot.≥ 75 mm)
Type of weld	BW	BW
Parent material group(s)	CR ISO 15608 Group 1.1	-
Filler metal group	FM1 / S	FM1, FM2 / S, M
Filer material (designation)	EN ISO 14341 – A G 42 4 M21 3Si1	-
Shielding gas	EN ISO 14175: M24	-
Auxiliaries	-	-
Type of current and polarity	DC (+)	-
Material thickness of test piece (mm)	6	-
Deposited thickness (mm)	6	3 to 12
Outside pipe diameter (mm)	-	-
Welding position	PA	PA
Details of weld seam	bs	ss mb, bs

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information

	Performed and accepted	Not required
Visual Testing	X	
Radiographic Examination		X
Ultrasonic test		X
Magnetic Particle Test		X
Macro section		X
Fracture test	X	
Bend test		X
Notched Tensile test		X
Additional tests		X
Hardness test		X
Job knowledge		X

Extension acc. to point 9.3 c	
Date	Signature

Name and Signature: **Osman YILDIRIM**

Certification Body: **TÜV AUSTRIA CERT GMBH**

Place of issue: **Ankara**

Date of issue: **13.02.2023**

Place of testing: **Ankara**

Date of testing: **10.02.2023**

Acc. to 9.3.a

Valid until: ****): 12.02.2026**

*Details on supplementary sheet, if required

**In case of proper confirmation of employer or supervisor (acc. to testing standard)





CERTIFICATE

EN ISO 9606-1 135 P FW FM1 S t6 PB ml



Certificate Nr.: **21-IS-0306-TAT-23-WLD-0239**

Manufacturer's welding procedure spec.: **pwps-02**

Surname / first name of the welder:

ÇELİK, Nuri Osman

Identification / Method of identification

ID-Card 22763209742

Date / Place of birth

1.05.1961 / Turkey

Employer:

TUĞÇULAR

Code / Testing Standard

EN ISO 9606-1:2017

Examining body: **TÜV AUSTRIA CERT GMBH**

A-1015 Wien, Krugerstrasse 16

Examiner: **Kaan ÖZDOĞAN**

Welder's identification mark: --

Approval acc. to PED: --

Test data - Details		Scope
Welding process	135	135, 138
Transfer mode	Short, Spray	All transfer modes
Product type (Plate or Tube)	P	P, T:(Fixed ≥500 mm, Rot.≥ 75 mm)
Type of weld	FW	FW
Parent material group(s)	CR ISO 15608 Group 1.1	-
Filler metal group	FM1 / S	FM1, FM2, / S, M
Filer material (designation)	EN ISO 14341 – A G 42 4 M21 3Si1	-
Shielding gas	EN ISO 14175: M24	-
Auxiliaries	-	-
Type of current and polarity	DC (+)	-
Material thickness of test piece (mm)	6	≥3
Deposited thickness (mm)	-	-
Outside pipe diameter (mm)	-	-
Welding position	PB	PA, PB
Details of weld seam	ml	sl, ml

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information

	Performed and accepted	Not required
Visual Testing	X	
Radiographic Examination		X
Ultrasonic test		X
Magnetic Particle Test		X
Macro section		X
Fracture test	X	
Bend test		X
Notched Tensile test		X
Additional tests		X
Hardness test		X
Job knowledge		X

Extension acc. to point 9.3 c	
Date	Signature

Name and Signature: **Osman YILDIRIM**

Certification Body: **TÜV AUSTRIA CERT GMBH**

Place of issue: **Ankara**

Date of issue: **13.02.2023**

Place of testing: **Ankara**

Date of testing: **10.02.2023**

Acc. to 9.3.a

Valid until: **: **12.02.2026**

*Details on supplementary sheet, if required

**In case of proper confirmation of employer or supervisor (acc. to testing standard)



CERTIFICATE

EN ISO 9606-1 135 P BW FM1 S s6 PA bs



Certificate Nr.: **21-IS-0306-TAT-23-WLD-0237**

Manufacturer's welding procedure spec.: **pwps-01**

Surname / first name of the welder:

DUVAN, Şevket

Identification / Method of identification

ID-Card 57844511780

Date / Place of birth

20.10.1983 / Turkey

Employer:

TUĞÇULAR

Code / Testing Standard

EN ISO 9606-1:2017

Examining body: **TÜV AUSTRIA CERT GMBH**

A-1015 Wien, Krugerstrasse 16

Examiner: **Kaan ÖZDOĞAN**

Welder's identification mark: --

Approval acc. to PED: --

Test data - Details		Scope
Welding process	135	135, 138
Transfer mode	Short, Spray	All transfer modes
Product type (Plate or Tube)	P	P, T: (Fixed ≥500 mm, Rot. ≥ 75 mm)
Type of weld	BW	BW
Parent material group(s)	CR ISO 15608 Group 1.1	-
Filler metal group	FM1 / S	FM1, FM2 / S, M
Filer material (designation)	EN ISO 14341 – A G 42 4 M21 3Si1	-
Shielding gas	EN ISO 14175: M24	-
Auxiliaries	-	-
Type of current and polarity	DC (+)	-
Material thickness of test piece (mm)	6	-
Deposited thickness (mm)	6	3 to 12
Outside pipe diameter (mm)	-	-
Welding position	PA	PA
Details of weld seam	bs	ss mb, bs

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information

	Performed and accepted	Not required
Visual Testing	x	
Radiographic Examination		x
Ultrasonic test		x
Magnetic Particle Test		x
Macro section		x
Fracture test	x	
Bend test		x
Notched Tensile test		x
Additional tests		x
Hardness test		x
Job knowledge		x

Extension acc. to point 9.3 c	
Date	Signature

Name and Signature: **Osman YILDIRIM**

Certification Body: **TÜV AUSTRIA**



Place of issue: **Ankara**

Date of issue: **13.02.2023**

Place of testing: **Ankara**

Date of testing: **10.02.2023**

Acc. to 9.3.a

Valid until: **): **12.02.2026**

*Details on supplementary sheet, if required

**In case of proper confirmation of employer or supervisor (acc. to testing standard)



CERTIFICATE

EN ISO 9606-1 135 P FW FM1 S t6 PB ml



Certificate Nr.: **21-IS-0306-TAT-23-WLD-0236**

Manufacturer's welding procedure spec.: **pwps-02**

Surname / first name of the welder:

SARI, Hakan

Identification / Method of identification

ID-Card 10111126384

Date / Place of birth

15.09.1984 / Turkey

Employer:

TUĞÇULAR

Code / Testing Standard

EN ISO 9606-1:2017

Examining body: **TÜV AUSTRIA CERT GMBH**

A-1015 Wien, Krugerstrasse 16

Examiner: **Kaan ÖZDOĞAN**

Welder's identification mark: --

Approval acc. to PED: --

Test data - Details		Scope
Welding process	135	135, 138
Transfer mode	Short, Spray	All transfer modes
Product type (Plate or Tube)	P	P, T:(Fixed ≥ 500 mm, Rot. ≥ 75 mm)
Type of weld	FW	FW
Parent material group(s)	CR ISO 15608 Group 1.1	-
Filler metal group	FM1 / S	FM1, FM2, / S, M
Filer material (designation)	EN ISO 14341 – A G 42 4 M21 3Si1	-
Shielding gas	EN ISO 14175: M24	-
Auxiliaries	-	-
Type of current and polarity	DC (+)	-
Material thickness of test piece (mm)	6	≥ 3
Deposited thickness (mm)	-	-
Outside pipe diameter (mm)	-	-
Welding position	PB	PA, PB
Details of weld seam	ml	sl, ml

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information

	Performed and accepted	Not required
Visual Testing	X	
Radiographic Examination		X
Ultrasonic test		X
Magnetic Particle Test		X
Macro section		X
Fracture test	X	
Bend test		X
Notched Tensile test		X
Additional tests		X
Hardness test		X
Job knowledge		X

Extension acc. to point 9.3 c	
Date	Signature

Name and Signature: **Osman YILDIRIM**

Certification Body: **TÜV AUSTRIA**

CERT GMBH

Place of issue: **Ankara**

Date of issue: **13.02.2023**

Place of testing: **Ankara**

Date of testing: **10.02.2023**

Acc. to 9.3.a

Valid until: **: **12.02.2026**

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**In case of proper confirmation of employer or supervisor (acc. to testing standard)



CERTIFICATE

EN ISO 9606-1 135 P FW FM1 S t6 PB ml



Certificate Nr.: **21-IS-0306-TAT-23-WLD-0238**

Manufacturer's welding procedure spec.: **pwps-02**

Surname / first name of the welder:

BALAMAN, Levent

Identification / Method of identification

ID-Card 16162860932

Date / Place of birth

7.07.1979 / Turkey

Employer:

TUĞÇULAR

Code / Testing Standard

EN ISO 9606-1:2017

Examining body: **TÜV AUSTRIA CERT GMBH**

A-1015 Wien, Krugerstrasse 16

Examiner: **Kaan ÖZDOĞAN**

Welder's identification mark: --

Approval acc. to PED: --

Test data - Details		Scope
Welding process	135	135, 138
Transfer mode	Short, Spray	All transfer modes
Product type (Plate or Tube)	P	P, T:(Fixed ≥500 mm, Rot.≥ 75 mm)
Type of weld	FW	FW
Parent material group(s)	CR ISO 15608 Group 1.1	-
Filler metal group	FM1 / S	FM1, FM2, / S, M
Filer material (designation)	EN ISO 14341 – A G 42 4 M21 3Si1	-
Shielding gas	EN ISO 14175: M24	-
Auxiliaries	-	-
Type of current and polarity	DC (+)	-
Material thickness of test piece (mm)	6	≥3
Deposited thickness (mm)	-	-
Outside pipe diameter (mm)	-	-
Welding position	PB	PA, PB
Details of weld seam	ml	sl, ml

See supplementary sheet and/or Manufacturer's welding procedure specification for additional information

	Performed and accepted	Not required
Visual Testing	X	
Radiographic Examination		X
Ultrasonic test		X
Magnetic Particle Test		X
Macro section		X
Fracture test	X	
Bend test		X
Notched Tensile test		X
Additional tests		X
Hardness test		X
Job knowledge		X

Extension acc. to point 9.3 c	
Date	Signature

Name and Signature: **Osman YILDIRIM**

Certification Body: **TÜV AUSTRIA CERT GMBH**

Place of issue: **Ankara**

Date of issue: **13.02.2023**

Place of testing: **Ankara**

Date of testing: **10.02.2023**

Acc. to 9.3.a

Valid until: **): **12.02.2026**

*Details on supplementary sheet, if required

**In case of proper confirmation of employer or supervisor (acc. to testing standard)