

Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, NPS	Rated Working Pressure	
				psi	kPa
Schedule 5	ASTM A53	Plain End	½, ¾, 1, 1-1/4, 1-1/2, 2	175	1205
		Welded	½, ¾, 1, 1-1/4, 1-1/2, 2	175	1205
	ASTM A795	Plain End	½, ¾, 1, 1-1/4, 1-1/2, 2	175	1205
		Welded	½, ¾, 1, 1-1/4, 1-1/2, 2	175	1205

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

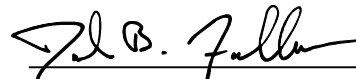
FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 29 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, NPS	Rated Working Pressure	
				psi	kPa
Schedule 7 Lightwall	ASTM A795	Plain End	1, 1-1/4, 1-1/2, 2	175	1205
		Welded	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	175	1205

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 30 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



A handwritten signature in black ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, NPS	Rated Working Pressure	
				psi	kPa
Schedule 10	ASTM A53	Plain End	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	175	1205
		Rolled Groove	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 8, 10, 12	175	1205
		Welded	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 8, 10, 12	300	2065
	ASTM A795	Rolled Groove	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 8, 10, 12	175	1205

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

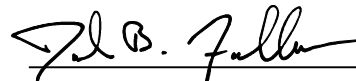
FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 30 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, NPS	Rated Working Pressure	
				psi	kPa
Schedule 30 Thinwall	ASTM A53	Rolled Groove	2, 2-1/2, 3, 3-1/2, 5, 6	175	1205
		Welded	2, 2-1/2, 3, 3-1/2, 5, 6	300	2065
	ASTM A795	Rolled Groove	2, 5, 6	175	1205
		Welded	2, 5, 6	300	2065

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

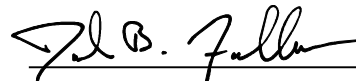
FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 29 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, NPS	Rated Working Pressure	
				psi	kPa
Schedule 40	ASTM A53	Rolled Groove	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	175	1205
		Welded	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 8, 10, 12	300	2065
		Threaded	5, 6	300	2065
	ASTM A795	Rolled Groove	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	175	1205
		Threaded	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6	300	2065

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

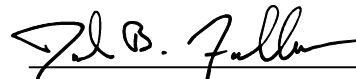
FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 29 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, NPS	Rated Working Pressure	
				psi	kPa
Schedule 80	ASTM A53	Welded	½, ¾, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6	300	2065
		Threaded	5, 6	300	2065

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 29 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



A handwritten signature in black ink, appearing to read 'D.B. Fuller'.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, mm	Rated Working Pressure	
				psi	kPa
EN 10255	Light 2	Plain End	21.3, 26.9, 33.7, 42.4, 48.3, 60.3	175	1205
		Rolled Groove	33.7, 42.4, 48.3, 60.3, 76.1, 88.9, 114.3	175	1205
		Welded	21.3, 26.9, 33.7, 42.4, 48.3, 60.3, 76.1, 88.9, 114.3	175	1205

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 29 October 2024

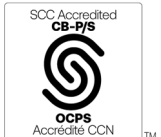
To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



A handwritten signature in black ink, appearing to read 'D.B. Fuller'.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, mm	Rated Working Pressure	
				psi	kPa
EN 10255	Light 1	Plain End	21.3, 26.9, 33.7, 42.4, 48.3, 60.3	175	1205
		Rolled Groove	33.7, 42.4, 48.3, 60.3, 76.1, 88.9, 114.3	175	1205
		Welded	21.3, 26.9, 33.7, 42.4, 48.3, 60.3, 76.1, 88.9, 114.3	175	1205

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 29 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



A handwritten signature in black ink, appearing to read 'D.B. Fuller'.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062



Certificate of Compliance

This certificate is issued for the following:

Steel Pipe Fittings for Automatic Fire Sprinkler Systems

Model	Product Type	End Connection	Sizes, mm	Rated Working Pressure	
				psi	kPa
EN 10255	Medium	Rolled Groove	21.3, 26.9, 33.7, 42.4, 48.3, 60.3, 76.1, 88.9, 114.3, 139.7, 165.1	175	1205

Prepared for:

Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Türkiye

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR462378

Approval Granted: 29 October 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



A handwritten signature in black ink, appearing to read 'D.B. Fuller'.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062





Certificate of Compliance

This certificate is issued for the following:

Steel Pipe for Automatic Fire Sprinkler Systems

Product	Listing Country	Nominal Pipe Size, inch	Rated Working Pressure, psi	Rated Working Pressure, kPa	Certification Type
Schedule 10 ^{c, g, j, m, n, s}	Turkey	½, ¾, 1, 1-1/4, 1-1/2, 2	175	1205	FM Approved
Schedule 10 ^{c, j, m, n, s, t}	Turkey	½, ¾, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300	2070	FM Approved

Notes:
c - For use in welded systems when supplied with standard bevel on ends.
g - For use with FM Approved plain-end fittings at 175 psi (1205 kPa).
j - 1/2 inch (15 mm) and 3/4 inch (20 mm) nominal pipe size is permitted for use as valve trim, gauge connections, and for other peripheral service.
m - FM Approved for use in all steel sprinkler systems composed of uncoated steel pipe.
n - FM Approved for use in hybrid sprinkler systems composed of uncoated steel and plastic piping.
s - Manufactured out of ASTM A795 Grade A or B steel.
t - Pipe 8 in. or larger is FM Approved with a wall thickness of 0.188 in., which is above ASME B36.10 specifications for Schedule 10 pipe.

Prepared for: **Tosçelik Profil ve Sac End. A.Ş.**
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Turkey

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR454987

Approval Granted: April 4, 2022

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D. B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
USA





Certificate of Compliance

This certificate is issued for the following:

Steel Pipe for Automatic Fire Sprinkler Systems

Product	Listing Country	Nominal Pipe Size, inch	Rated Working Pressure, psi	Rated Working Pressure, kPa	Certification Type
Schedule 40 ^{b, c, e, g, j, m, n, p, s}	Turkey	½, ¾, 1, 1-¼, 1-½, 2	175	1205	FM Approved
Schedule 40 ^{b, c, e, j, m, n, p, s}	Turkey	½, ¾, 1, 1-¼, 1-½, 2, 2-½, 3, 4, 6, 8, 10, 12	300	2070	FM Approved
Schedule 40 ^{c, m, n, s}	Turkey	5, 6, 8, 10, 12	300	2070	FM Approved

Notes:

- b - FM Approved for use with FM Approved pipe fittings when threaded.
- c - For use in welded systems when supplied with standard bevel on ends.
- e - Any FM Approved pipe coupling or fitting suitable for use with Schedule 10 pipe may be used with this product at the lower rated pressure of the pipe or fitting.
- g - For use with FM Approved plain-end fittings at 175 psi (1205 kPa).
- j - ½ inch (15 mm) and ¾ inch (20 mm) nominal pipe size is permitted for use as valve trim, gauge connections, and other peripheral service.
- m - FM Approved for use in all steel sprinkler systems composed of uncoated steel pipe.
- n - FM Approved for use in hybrid sprinkler systems composed of uncoated steel and plastic piping.
- p - Manufactured out of ASTM A53 Grade A or B steel.
- s - Manufactured out of ASTM A795 Grade A or B steel.

Prepared for: **Tosçelik Profil ve Sac End. A.Ş.**
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Turkey

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR454987

Approval Granted: April 4, 2022

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



Member of the FM Global Group

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062





Certificate of Compliance

This certificate is issued for the following:

Steel Pipe for Automatic Fire Sprinkler Systems

Product	Listing Country	Nominal Pipe Size, mm	Rated Working Pressure, psi	Rated Working Pressure, kPa	Certification Type
EN 10255 Medium ^{c, g, j, n, m, p}	Turkey	15, 20, 25, 32, 40, 50	175	1205	FM Approved
EN 10255 Medium ^{c, j, m, n, p}	Turkey	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150	300	2070	FM Approved

Notes: c - For use in welded systems when supplied with standard bevel on ends.
g - For use with FM Approved plain-end fittings at 175 psi (1205 kPa)
j - 1/2 inch (15 mm) and 3/4 inch (20 mm) nominal pipe size is permitted for use as valve trim, gauge connections, and for other peripheral service.
m - FM Approved for use in all steel sprinkler systems composed of uncoated steel pipe.
n - FM Approved for use in hybrid sprinkler systems composed of uncoated steel and plastic piping.
p - Manufactured out of EN 10255 Grade S195T steel.

Prepared for: Tosçelik Profil ve Sac End. A.Ş.
Organize Sanayi Bölgesi, Toprakkale, Osmaniye 80950
Turkey

FM Approvals Class: 1630 (June 2021) – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: PR454987

Approval Granted: April 4, 2022

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
USA





Certificate of Compliance

This certificate is issued for the following:

Steel Pipe for Automatic Fire Sprinkler Systems

Product	Listing Country	Nominal Pipe Size, in.	Rated Working Pressure, psi	Rated Working Pressure, kPa	Certification Type
Schedule 80 ^{b, e, g, j, m, n, p}	Turkey	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	175	1205	FM Approved
Schedule 80 ^{b, e, j, m, n, p}	Turkey	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	300	2070	FM Approved

Notes: b - FM Approved for use with FM Approved pipe fittings when threaded.
e - Any FM Approved pipe coupling or fitting suitable for use with Schedule 10 pipe may be used with this product at the lower rated pressure of the pipe or the fitting.
g - FM Approved for use with plain-end fittings.
j - ½ in (15 mm) and 3/5 in (20 mm) nominal size limited for use in valve trim.
m - FM Approved for use in all steel sprinkler systems composed of uncoated steel pipe.
n - FM Approved for use in hybrid sprinkler systems composed of uncoated steel and plastic piping.
p - Manufactured out of ASTM A53 Grade A and B steel.

Prepared for: Tosçelik Profil ve Sac Endüstrisi A.Ş., Organize Sanayi Bölgesi
Toprakkale, Osmaniye 80950, Turkey

Manufacturing Location: Tosçelik Profil ve Sac Endüstrisi A.Ş., Organize Sanayi Bölgesi
Toprakkale, Osmaniye 80950, Turkey

FM Approvals Class: 1630 – “Steel Pipe for Automatic Fire Sprinkler Systems”

Approval Identification: 3056312

Approval Granted: November 10, 2017

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062 USA



Member of the FM Global Group