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TECHNICAL STANDARDS & SAFETY AUTHORITY 345 CARLINGVIEW DRIVE

TORONTO ON M9W 6N9

Date: November 12, 2016

Account #: 35231 Journal #: 66756 Our File #: 5607275

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA SR#1968806, for a Fitting is accepted for registration as follows:

Registered To: PARKER HANNIFIN CORP TUBE CRN: 0A9941.51

FITTING DIV'N

Drawing #: Catalog 4300

### Conditions Of Registration:

Reg'n of add'l Tube/Pipe Fittings from Cat: 4300 Sect: A,B,C,F & G) per scope of reg'n shts (5 pages + mfg list This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

#### Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on May 4, 2026. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

#### SHARON PETERS

boiler.designregistration@safetyauthority.ca Design Administration

cc:

(PROD) 30400-20 GST #: 87391 2802 RT0001

# **Plant Locations**

Division Headquarters 3885 Gateway Boulevard Columbus, OH 43228 USA

725 North Beech Street Eaton, OH 45320 USA

700 West Cumberland Street Lewisburg, OH 45338 USA

704 West Cumberland Street Lewisburg, OH 45338 USA

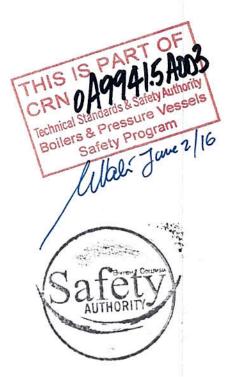
Am Metallwerk 9 33659 Bielefeld Germany

Bahndamm 31 - 33 33758 SchloB Holte-Stukenbrock Germany

Sp.z o.o. ul. E. Kwiatkowskiego 16 55-011 Siechnice Poland

Antiguo Camino a San Lorenzo No. 338 50010 Toluca, Mexico

No. 233 Yuejin Road Lane 655 Baoan Highway Shanghai 201906, P. R. China Shanghai, China



Fitting series: Pipe fittings and adapters, SAE J514, catalog section F

Material: steel, brass and stainless steel when available

Part Number	Size Range	Comparable Fittings	<b>Mating Components</b>
F5OHAO	4 TO 32		G5HG5
FF	1/8 TO 2		HPC, GG
F5OF	4-1/8 TO 24-1 1/2	FF	G5HG5, HPC, GG
FFF	1/8 TO 2	FF	HPC, GG
GG	1/8 TO 2		FF
G5HG5	4 TO 32		P5ON
F5OG5	4-6 TO 32-24	G5HG5	P5ON, G5HG5
F5OG	4-1/4 TO 32-2	GG	G5HG5, FF, HP
FHG5	1/8-4 TO 1-16	FF, G5HG5	GG, P5ON
PTR	1/4 X 1/8 TO 2 X 1 1/2	FF, GG	GG, FF
FG	1/8 X 1/16 TO 2	FF, GG	GG, FF
RI-ED	1/8X1/4 TO 2 X 1 1/2	P5ON	
CD45	1/8 TO 1 1/2	CR, DD	GG, FF
AOEG5	4 TO 20	C5X	P5ON, G5HG5
DD45	1/4 TO 1	DD	HP, FF
AOEG	6-14/ TO 16-1	C5X, DD	HP, FF, G5HG5
CD	1/8 TO 1 1/2	CR, DD	GG, FF, HPC, HP
CR	1/8 TO 1 1/2		GG, HPC
DD	1/8 TO 1 1/2		HP, FF
G5G5JAO	4 TO 16	AOEG5	P5ON, G5HG5
AOG5JG5	4 TO 16	AOEG5	P5ON, G5HG5
G5G5JG5	4 TO 16	AOEG5	P5ON
MMS	1/8 TO 1 1/2	CR, DD	HP, FF
RRS	1/8 TO 1 1/2	CR	DD, HPC
MRO	1/8 TO 1 1/2	CR, DD	HPC, GG, HP, FF
MMO	1/8 TO 1 1/2	DD	HP, FF
кммоо	1/8 TO 1 1/2	DD	HP, FF
VSTI M OR	10 TO 42	P5ON	
VSTI R ED	1/8 TO 1 1/2	RI-ED	
P5ON	2 TO 32		G5HG5
HP5ON	2 TO 32	P5ON	G5HG5
SHP	1/8 TO 2	HP	GG, HPC
HP	1/8 TO 2		GG, HPC
HHP	1/8 TO 2	HP	GG, HPC
HPC	1/8 TO 2		FF, HP

## NOTE:

Stainless steel straights, uses a factor of 1.2 times rated pressure for steel

Unless otherwise indicated in Parker catalog 4300, stainless steel shape fittings have same pressure ratings as carbon steel

CRN Standards & Safety Authority
Technical Standards & Pressure Vessels
Boilers & Pressure Program
Safety Program

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BCSAJ#6675