



To:	TSSA	From:	Janet Townsend
Company:	Parker Hannifin IPDE	Phone:	416-747-4291
Pages:	7	Location:	Toronto
Our File:	ANR-4507	Date:	June 2, 2017

Your File: 2054540

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Parker Hannifin IPDE. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Québec and Saskatchewan. These fittings are acceptable for use in these Provinces. The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0C19249.56.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend
Program Manager
CSA Group

178 Rexdale Blvd.
Toronto, ON, M9W 1R3
Canada
www.csagroup.org

REGISTERED



CRN: CSA-0019249.56

Registration Process administered by
CSA Group per CSA B51

Technical Review performed per CSA B51
Performed by: ANRIC Enterprises Inc.

Signed:

Ken Barnes

Date:

June 2, 2017





Toronto Ontario M9W 6N9
Tel. 416 734 3300
Fax. 416 231 1626
Toll Free 1 877 682 8772

www.tssa.org

March 22, 2017

SUSAN TURNER
PARKER HANNIFIN INSTRUMENTATION GROUP CANADA
4635 DURHAM RD S
GRIMSBY ON L3M 4G4
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2021324
Your Reference No.: MONOFLANGE - ADD TO CRN 0C11492.5, ADD1 & ADD2
Registered to: PARKER HANNIFIN INSTRUMENTATION PRODUCTS

Dear SUSAN TURNER,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C19249.5
Main Design No.: CATALOG 4190-FP: MONOFLANGE
Expiry Date: 22-Mar-2027

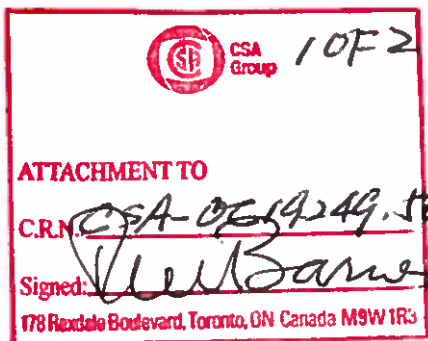
Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

See 1 sheet of attachment to Statutory Declaration for scope and design conditions. This CRN is to replace CRNs 0C11492.5 and 0C11494.5 and their respective addenda.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Kaivan Kia P. Eng., PMP
Mechanical Engineer, BPV
Tel. : 416-734-3457
Fax : 416-231-6183
Email : kkia@tssa.org



PRODUCT SERIES	ASME/ANSI DESIGN STANDARD	SIZE RANGE	STD. PRESSURE CLASS	DESIGN REPORTS	ASME/ASTM MATERIAL SPECIFICATION
Parker Pro-Bloc® Manifolds Catalog 4190-FP	MSS SP99 ASME B31.1 ASME B31.3 ASME B16.5 ASME B16.34 ASME VIII FED-STD-H28/2B	10mm bore 1/2" - 3" Flange size 150-2500 Flange Class	6,000 PSI	>DESIGN VERIFICATION PROBLOC PROBLOC-10-CRN-CALC REV2 >DESIGN VERIFICATION PROBLOC FOR SAMPLING/INJECTION PROBLOC-10-CRN-CALC REV2 >DESIGN VERIFICATION PROBLOC FOR CARBON STEEL AND DUPLEX CS-DUP-PROBLOC-S-10-CRN-CALC	ASTM A105 ASTM A182-F316 ASTM A182-F51
Parker Monoflange Manifolds Catalog 4190-FP	MSS SP99 ASME B31.1 ASME B31.3 ASME B16.5 ASME B16.34 ASME VIII FED-STD-H28/2B	1/2" - 3" Flange size 150-2500 Flange Class	6,000 PSI	>DESIGN VERIFICATION MONOFLANGE MONO-CRN-CAL REV3 >DESIGN VERIFICATION MONOFLANGE MONO-CRN-CALC-ADD.1 REV.1 >MONOFLANGE TO INCLUDE 3" FLANGE CONNECTIONS MONO-CRN-CALC-ADD.1 REV.1	ASTM A182-F316 ASTM A105 ASTM B564 UNS N04400 ASTM A182-F51 ASTM-A182-F53 ASTM B564 UNS N10276 A350-LF2 A182-F44-6MO


20F2

ATTACHMENT TO
C.R.N.: CSA-0679-249.56
Signed: *[Signature]*
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

PART OF
 C.R.N. 0679-249.56
 Registered with the
 Board of Standards and
 Specifications

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
209347-2016-AQE-GBR-UKAS

Initial certification date:
01 April 2010

Valid:
15 November 2016 - 15 November 2019

This is to certify that the management system of

Parker Hannifin Manufacturing Ltd
Instrumentation Products Division Europe
Riverside Road, Pottington Business Park, Barnstaple, EX31 1NP, United Kingdom

has been found to conform to the Management System standards:

ISO 14001:2015/ ISO 9001:2015

This certificate is valid for the following scope:

Design, development, manufacture, test and supply of valves, manifolds, connectors and systems, in high performance materials, including ancillary equipment, for the interconnection of process instrumentation and associated apparatus.

Place and date:
London, 10 November 2016



For the issuing office:
DNV GL Business Assurance UK Limited
Palace House, 3 Cathedral Street, London,
SE1 9DE, United Kingdom

Richard Redmond
Management Representative

178 Rexdale Blvd.
Toronto, Ontario
Canada M9W 1R3
Tel: (416) 747-4000
www.csagroup.org



March 2017

CRN – Canadian Registration Numbers - Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.