

14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

November 20, 2014

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.: 1521864 Your Reference No.: U SERIES VALVES Registered to: PARKER HANNIFIN - INSTRUMENTATION PRODUCTS DIVISION

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 No.: 0C17175.5 Main Design No.: CATALOG - 4110-NV, Scope of Registration Expiry Date: 20-Nov-2024

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

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, 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,

Ruiming You, P.Eng. Mechanical Engineer, BPV Tel.: 416-734-3428 Fax: 416-231-6183 Email: <u>ryou@tssa.org</u>



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**TECHNICAL STANDARDS &** SAFETY AUTHORITY 14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appeal on the fitting, in the space below

(Neme and Position; e.g. President, Plant Manager, Chief Engineer)         Parker Hannifin, Instrumentation Products Division         (Neme of Manufacturer)         ated at       1005 A Cleaner Way, Huntsville, AL, USA, 35805       256-881-2040       256-881-5072         (Plant Address)       (Telephone No.)       (Plant Address)       (Telephone No.)       (Plant Address)         I do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boile and Pressure Vessels Regulation, comply with all of the requirements of       (Telephone No.)       (Plant Address)         (The of recognized North American Standard)       which specifics the dimensions, materials of construction, pressure/Remperature ratings, identification marking the fittings and service;         I or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with MSS-SP-99]       as supported by the attached data which identification and service;         MSS-SP-99]       as upported by the attached data which identification and service;         pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service;         which has been verified by the following authonity. Det Norske Veritas         terrificate, Catalog 4110-NV(cover, toc, pages 12-16), U6 & U12 Union Bonnet Valves Pressure Integrity Report         (drawings, calculations, test post, are attaged at follows;         (Spraum)       Max and Max </th <th>(Nerre and Position, e.g. President, Plant Manager, Chief Engineer)         arker Hannifin, Instrumentation Products Division         (Name of Manufacturer)         Inted at 1005 A Cleaner Way, Huntsville, AL, USA, 35805       256-881-2040       256-881-5072         (Plant Address)       (Fex No.)         do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boiler and Pressure Vessels Regulation, comply with all of the requirements of         (Title of recognized North American Standard)         which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;         or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with SS-SP-99         as supported by the attached data which identifies the dimensions, material of construction pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.         as cupported by the attached data which identifies the dimensions, material of construction pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.         as upported by the following information and/or test data are attached at a fitting of recognized North.         which has been verified by the following authority. Det Norske Veritas         <td <="" colspan="2" th=""><th></th><th>Fittings</th><th></th></td></th>	(Nerre and Position, e.g. President, Plant Manager, Chief Engineer)         arker Hannifin, Instrumentation Products Division         (Name of Manufacturer)         Inted at 1005 A Cleaner Way, Huntsville, AL, USA, 35805       256-881-2040       256-881-5072         (Plant Address)       (Fex No.)         do solemnly declare that the fittings listed hereunder, which are subject to the Technical Standards and Safety Act, Boiler and Pressure Vessels Regulation, comply with all of the requirements of         (Title of recognized North American Standard)         which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;         or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with SS-SP-99         as supported by the attached data which identifies the dimensions, material of construction pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.         as cupported by the attached data which identifies the dimensions, material of construction pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.         as upported by the following information and/or test data are attached at a fitting of recognized North.         which has been verified by the following authority. Det Norske Veritas <td <="" colspan="2" th=""><th></th><th>Fittings</th><th></th></td>	<th></th> <th>Fittings</th> <th></th>			Fittings	
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**Registration Scope** 

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Parker Hannifin Instrumentation Products Division Catalog 4110-NV, December 2010, Pages 12-16 U Series Needle Valves

Series/Model	Size	Body Style	CWP	Body Material	Trim
U6A	3/8″	Angle	6000 psi	ASTM A182,	ASTM A479,
				Type F316	Туре 316
UGL	3/8″	Linear	6000 psi	ASTM A182,	ASTM A4 <b>79,</b>
				Type F316	Туре 316
U12A	3/4"	Angle	6000 psi	ASTM A182,	ASTM A479,
	-,			Type F316	Type 316
U12L	3/4"	Linear	6000 psi	ASTM A182,	ASTM A479,
	,		•	Type F316	<ul> <li>Type 316</li> </ul>

THIS IS PART OF CRN OC 17175.5 Technical Standards & Safety Authority Boilers & Pressure Vessels Safety Program