



REGISTRATION OF A PRESSURE FITTING DESIGN

August 13, 2026

Round Engineering Inc.
10 Segwun Road
Waterdown, ON
Canada
L8B 0K6

Attention: Scott Islip

File Number: 105255

Re: Manufacturer: Nupi Industrie Italiane S.p.A.

Item: Polypropylene PP-RCT Fittings

Catalog or Drawing: See Scope of Registration 08-Aug-19

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0A6996.43

Expiry Date: 2029-08-08

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Liting (Frank) Huang, P.Eng.

Codes and Standards Compliance

Remarks:

CRN issuance based upon registration by another province.

Figure D.6

Declaration of Conformity form for application for registration of fittings in Canada

(See Clauses 5.4.2 and D.1.)

(Show facsimile of logo or trademark, as it will appear on the fitting as evidence of certification)





Technical Safety Authority of Saskatchewan

Registration No. 0A6996.43

File No. 105255

Registered

Date: August 13, 2026

Expiry Date: August 08, 2029

Codes & Standards Compliance Office

DECLARATION OF CONFORMITY

REGISTRATION OF FITTINGS

DÉCLARATION DE CONFORMITÉ

ENREGISTREMENT D'ACCESSOIRES

Declaration No:
Unique identifier assigned by manufacturer

R-2337

Revision:

0

Manufacturer

(Name and Address)
Nupi Industrie Italiane Spa, Via Stefano Ferrario, 8-Z.I. Sud-Ovest,
21052, Busto Arsizio (VA), Italy

*Table 1 Scope of Fitting Designs IN ADDITION SEE ATTACHED SCOPE OF CRN REGISTRATION

Item No.	Type / Model / Size	Product Description	Material of Construction	MDMT	Rated Pressure		References: Catalog (pages) or Drawing(s) (revision level included)
					At Ambient Temperature	At Maximum Temperature	
1.	Category A / Niron Fittings / 1/2" thru 14"	Fittings	Polypropylene	0F	SDR7.3: 200 psig	150 psig / 63 psig at 100F / 180F	CRN Design Report
			PP-RCT		SDR11: 125 psig	100 psig / 40 psig at 100F / 180F	R-0846 Rev.
					SDR17: 80 psig	63 psig / 25 psig at 100F / 180F	March 14, 2019
						at	
						at	

**Table 2 Codes, Standards, Guidelines, and Other Applicable Documents

Item No.	Title of Code(s), Standard(s), Guideline(s), or Other Applicable Document(s)	Edition / Revision	Item No.	Title of Code(s), Standard(s), Guideline(s), or Other Applicable Document(s)	Edition / Revision
1	ASME B31.3	2024	4		
2	ASTM F2389	2024a	5		
3			6		

***Table 3 Quality Program Verification and Manufacturing Sites

Item No.	Location(s) Plant Name and Address / Site(s)	Quality Program Certificate Number	Expiry Date	Verifying Organization
1	Italy locations shown ISO certificate	13040-A	2026-07-12	Kiwa
2	Nupi Americas, 314 Commerce Parkway, Early Branch, South Carolina, 29916, USA	0233046	14 December 2028	Intertek

A copy of the Quality Certificate from each manufacturing site must be included.

As an official of the manufacturer with authority, and having responsibility for the conformity and regulatory compliance of the fittings, I hereby declare that the information and statements made in this declaration of conformity are true and accurate.

I declare, under our sole responsibility, that the design, construction, certification, and marking of the fitting(s) listed in Table 1*, are subject to a conformity assessment process and quality program that has been verified, as described in Table 3**.

I certify that the fittings (s) listed in Table 1* conform to: the provisions of the acts and regulations of the provinces and territories where the fitting(s) are registered; CSA B51; and the codes, standards, guidelines, or other applicable documents listed in Table 2**.

I further declare that there is a process in place for the retention of this declaration of conformity for not less than 10 years from the issuance of the Canadian Registration Number (CRN).

Signed for and on behalf of

Nupi Industrie Italiane Spa

Milano

Italy

(Manufacturer)

(City)

(State / Province / Country)

Maria Roberta Brusi

Quality Director

(Name, please print)

(Function or Title)



June 30, 2026

(Signature of Declarer)

(Date)



SCOPE OF CRN REGISTRATION

Pressure-Rated Polypropylene (PP) Piping Systems

Description	Material Specification	Design Code	Size Range X Max SDR Rating	Niron Parts Catalog 2017	MAWP AT 73F	MAWP AT 100F	MAWP AT 180F	MDMT	Design Report No.
45 Degree Elbow Long Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	2" thru 14" SDR 7.3	Page 35	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
			2" thru 14" SDR 11	Page 36	125 PSIG	100 PSIG	40 PSIG		
			2" thru 14" SDR 17	Page 37	80 PSIG	63 PSIG	25 PSIG		
Electrofusion 45 Degree Elbow	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1/2" thru 3-1/2" SDR 11	Page 109	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Socket Fusion 45 Degree Elbow	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 4" SDR 7.3	Page 31	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
90 Degree Elbow Long Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	2" thru 14" SDR 7.3	Page 22	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
			2" thru 14" SDR 11	Page 23	125 PSIG	100 PSIG	40 PSIG		
			2" thru 14" SDR 17	Page 24	80 PSIG	63 PSIG	25 PSIG		
Electrofusion 90 Degree Elbow	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1/2" thru 3-1/2" SDR 11	Page 108	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Female Threaded 90 Degree Elbow	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" x 1-1/4" thru 2" x 2" SDR 7.3	Page 25	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Socket Fusion 90 Degree Elbow	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 4" SDR 7.3	Page 21	200 PSIG	158 PSIG	63 PSIG	0F	R-0846



SCOPE OF CRN REGISTRATION CONTINUED

Pressure-Rated Polypropylene (PP) Piping Systems

Description	Material Specification	Design Code	Size Range X Max SDR Rating	Niron Parts Catalog 2017	MAWP AT 73F	MAWP AT 100F	MAWP AT 180F	MDMT	Design Report No.
Electrofusion Tee	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 6" SDR 11	Page 110	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Tee Long Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	2" thru 14" SDR 7.3	Page 39	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
			2" thru 14" SDR 11	Page 40	125 PSIG	100 PSIG	40 PSIG		
			2" thru 14" SDR 17	Page 41	80 PSIG	63 PSIG	25 PSIG		
Female Side Fusion Reducing Tee	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	3"x1-1/4"x3" thru 14"x3-1/2"x14" SDR 11	Page 57-58	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Male Side Reducing Tee Long Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	6"x3-1/2"x6" thru 14"x6"x14" SDR 11	Page 48-54	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Socket Fusion Reduced Tee	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2"x1/2"x1-1/2" thru 4"x3-1/2"x4" SDR 7.3	Page 46-47	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Socket Fusion Tee	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 4" SDR 7.3	Page 38	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Electrofusion Coupling	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 12" SDR 7.3	Page 104	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Socket Fusion Coupling	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 4" SDR 7.3	Page 71	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Electrofusion Reducer	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" x 1" thru 3-1/2" x 3" SDR 11	Page 107	125 PSIG	100 PSIG	40 PSIG	0F	R-0846



SCOPE OF CRN REGISTRATION CONTINUED

Pressure-Rated Polypropylene (PP) Piping Systems

Description	Material Specification	Design Code	Size Range X Max SDR Rating	Niron Parts Catalog 2017	MAWP AT 73F	MAWP AT 100F	MAWP AT 180F	MDMT	Design Report No.
Male Concentric Reducer	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	2-1/2"x1-1/4" thru 8"x6" SDR 11	Page 64-65	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Socket Fusion Reduced Bushing	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2"x1/2" thru 6"x4" SDR 7.3	Page 62-63	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
End Cap Long Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	6" thru 8" SDR 11	Page 92	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
			6" thru 8" SDR 17	Page 93	80 PSIG	63 PSIG	25 PSIG		
End Cap Short Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	10" thru 14" SDR 11	Page 92	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
			10" thru 14" SDR 17	Page 93	80 PSIG	63 PSIG	25 PSIG		
Socket Fusion End Cap	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 4" SDR 7.3	Page 91	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Female Side Fusion Welding Saddle	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" x 1/2" thru 3-1/2" x 1" SDR 7.3	Page 84-85	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Welding Saddles Socket Fusion Outlet	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2"x1/2" thru 6" x 2" SDR 7.3	Page 84-85	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Female Threaded Adapter	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" x 1-1/4" thru 4" x 4" SDR 7.3	Page 72-73	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Male Threaded Adapter	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" x 1-1/4" thru 4" x 4" SDR 7.3	Page 76	200 PSIG	158 PSIG	63 PSIG	0F	R-0846



SCOPE OF CRN REGISTRATION CONTINUED

Pressure-Rated Polypropylene (PP) Piping Systems

Description	Material Specification	Design Code	Size Range X Max SDR Rating	Niron Parts Catalog 2017	MAWP AT 73F	MAWP AT 100F	MAWP AT 180F	MDMT	Design Report No.
Socket Fusion Side Elbow Three Outlets	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1/2" SDR 7.3	Page 61	200 PSIG	158 PSIG	63 PSIG	0F	R-0846
Stub Flange Long Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1-1/2" thru 10" SDR 11	Page 96	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Stub Flange Short Spigot	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	12" thru 14" SDR 11	Page 97	125 PSIG	100 PSIG	40 PSIG	0F	R-0846
Template for External Bath Taps	Niron Polypropylene PP-RCT	ASME B31.3 ASTM F2389	1/2"x1/2" thru 3/4"x3/4" SDR 7.3	Page 28	200 PSIG	158 PSIG	63 PSIG	0F	R-0846

Notes:

- 1) In accordance with CSA B51 Figure 1(a) fittings do not require a CRN when they contain liquids not more hazardous than water and operate at a temperature of 150F or less and at a maximum allowable working pressure of 250 psig or less.
- 2) Environmental and/or service conditions may effect the short term and long term strength of Polypropylene. Suitability for service of Polypropylene is the responsibility of the user and/or piping designer.
- 3) Pressure ratings are based on a design/service factor of 0.5 applied to the Hydrostatic Design Basis (HDB). When used on services other than water the end user and/or piping designer is responsible to determine if a design/service factor less than 0.5 is more appropriate due to the possible chemical effects of the service. Allowable services of use are specified in ASTM F2389 para. 1. Scope.
- 4) Precautions should be taken to safeguard the pipe against excessive shock, vibration, pulsation and mechanical abuse.
- 5) $SDR = DR = (\text{Average Outside Diameter}) / (\text{Minimum Wall Thickness})$
- 6) Personnel or companies installing these products shall follow the applicable jurisdiction certification requirements in the Province/Territory that the product is installed.