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September 25, 2018

SCOTT ISLIP  
ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 2378102  
**Your Reference No.:** R-0823  
**Registered to:** NCI CANADA INC

Dear SCOTT ISLIP,

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

**CRN : 0C20734.5**

Main Design No.: GATE, GLOBE & CHECK VALVES - SEE SCOPE OF  
REGISTRATION (2PGS)

**Expiry Date: 25-Sep-2028**

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

**See two sheets of attachment to Statutory Declaration for Scope of registration.**

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](mailto: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  
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**NCI CANADA INC.**  
 2305 WYECROFT RD.  
 OAKVILLE, ONTARIO  
 L6L 6R2, CANADA

**THIS IS PART OF**  
**CRN 0C20734.5**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

22-Jun-18

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**SCOPE OF CRN REGISTRATION**

Product Description	NCI Series	Design Code	Size Range	End Connection	Body and Bonnet Specification (Note 4)	Pressure Class	MAWP at 100F (Note 1,2)	MDMT (Note 3)	Design Report
Forged Steel Gate Valve	GS08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Carbon Steel ASTM A105N	CL. 800	1975 psig at 100F	-20F	R-0823-1
Forged Steel Gate Valve	GS08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Stainless Steel ASTM A182 F316L	CL. 800	1600 psig at 100F	-20F	R-0823-1
Forged Steel Globe Valve	SL08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Carbon Steel ASTM A105N	CL. 800	1975 psig at 100F	-20F	R-0823-1
Forged Steel Globe Valve	SL08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Stainless Steel ASTM A182 F316L	CL. 800	1600 psig at 100F	-20F	R-0823-1
Forged Steel Swing Check Valve	CS08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Carbon Steel ASTM A105N	CL. 800	1975 psig at 100F	-20F	R-0823-1
Forged Steel Swing Check Valve	CS08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Stainless Steel ASTM A182 F316L	CL. 800	1600 psig at 100F	-20F	R-0823-1
Forged Steel Lift Check Valve	CP08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Carbon Steel ASTM A105N	CL. 800	1975 psig at 100F	-20F	R-0823-1
Forged Steel Lift Check Valve	CP08	API 602, ASME B16.34	1/2" Thru 2"	NPT, Socket Weld	Stainless Steel ASTM A182 F316L	CL. 800	1600 psig at 100F	-20F	R-0823-1
Cast Steel Gate Valve	GS01	API 600, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Carbon Steel ASTM A216-WCB	CL. 150	285 psig at 100F	-20F	R-0823-2
Cast Steel Gate Valve	GS01	API 600, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Stainless Steel ASTM A351-CF8M	CL. 150	275 psig at 100F	-20F	R-0823-2
Cast Steel Gate Valve	GS03	API 600, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Carbon Steel ASTM A216-WCB	CL. 300	740 psig at 100F	-20F	R-0823-2
Cast Steel Gate Valve	GS03	API 600, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Stainless Steel ASTM A351-CF8M	CL. 300	720 psig at 100F	-20F	R-0823-2
Cast Steel Globe Valve	SL01	API 623, ASME B16.34	2" Thru 16"	ASME B16.5 Flanged	Carbon Steel ASTM A216-WCB	CL. 150	285 psig at 100F	-20F	R-0823-3
Cast Steel Globe Valve	SL01	API 623, ASME B16.34	2" Thru 16"	ASME B16.5 Flanged	Stainless Steel ASTM A351-CF8M	CL. 150	275 psig at 100F	-20F	R-0823-3
Cast Steel Globe Valve	SL03	API 623, ASME B16.34	2" Thru 16"	ASME B16.5 Flanged	Carbon Steel ASTM A216-WCB	CL. 300	740 psig at 100F	-20F	R-0823-3
Cast Steel Globe Valve	SL03	API 623, ASME B16.34	2" Thru 16"	ASME B16.5 Flanged	Stainless Steel ASTM A351-CF8M	CL. 300	720 psig at 100F	-20F	R-0823-3



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**SCOPE OF CRN REGISTRATION CONTINUED**

Cast Steel Swing Check Valve	CS01	API 6D, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Carbon Steel ASTM A216-WCB	CL. 150	285 psig at 100F	-20F	R-0823-4
Cast Steel Swing Check Valve	CS01	API 6D, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Stainless Steel ASTM A351-CF8M	CL. 150	275 psig at 100F	-20F	R-0823-4
Cast Steel Swing Check Valve	CS03	API 6D, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Carbon Steel ASTM A216-WCB	CL. 300	740 psig at 100F	-20F	R-0823-4
Cast Steel Swing Check Valve	CS03	API 6D, ASME B16.34	2" Thru 24"	ASME B16.5 Flanged	Stainless Steel ASTM A351-CF8M	CL. 300	720 psig at 100F	-20F	R-0823-4

**Note 1:** The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult NCI valve literature.

**Note 2:** Pressure-temperature ratings above 100F are in accordance with applicable API and ASME B16.34 Table 2 ratings.

**Note 3:** Per ASME B16.34 para. 2.3.2. the pressure rating for service at any temperature below -20F shall be no greater than the ASME B16.34 ratings for -20F. Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.

**Note 4:** Other ASME B16.34 materials may be supplied. When this is the case the pressure-temperature ratings of the valves are to be in accordance with the applicable API and ASME B16.34 Table 2 ratings.

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