

HF
3221
.I4
no.
85007-RR

IMPORT ANALYSIS

CHECK AND FOOT VALVES

MARCH, APRIL AND MAY 1984



Government
of Canada

Regional Industrial
Expansion

Gouvernement
du Canada

Expansion industrielle
régionale

Canada

Pub. No. 85007 - RR
I.D. 3008
July 19, 1985

CHECK AND FOOT VALVES

MARCH, APRIL AND MAY 1984



Further information available from:

Market Information and Analysis Division
Market Development Branch
Regional Industrial Expansion
Ottawa, Canada, K1A 0H5
Tel: (613) 995-8216

© Copyright 1984

Crown in Right of Canada. No part of this report may be reproduced without the written consent of the Minister of Regional Industrial Expansion.

C O N T E N T S

	<u>PAGE</u>
<u>SECTION I</u> - Scope of Analysis	3
<u>SECTION II</u> - Analysis of Imports	3
TABLE 1 - Check & Foot Valves By Price Range	5
TABLE 2 - Check & Foot Valves By Size	6
TABLE 3 - Check Valves by Material	7
TABLE 4 - Foot Valves by Material	8
FIGURE I - Distribution By Country of Origin	9
FIGURE II - Check & Foot Valves by Province of Entry	10
TABLE 5 - Import Market Concentration	11
<u>SECTION III</u> - Canadian Importers	11
<u>SECTION IV</u> - Foreign Exporters to Canada	13
<u>SECTION V</u> - Canadian Production	13
<u>SECTION VI</u> - Canadian and Foreign Tariffs	15

-
- REFERENCES:
- (1) Customs Tariff: Item 35200-1
 - (2) Canadian International Trade Classification (Cat. #65-502E, Statistics Canada)
 - (3) Imports by Commodities (Cat. #65-007, Statistics Canada) Commodity Codes: 425-99-52, 468-29-23

SECTION I

SCOPE OF ANALYSIS

This analysis is based on a detailed examination of Revenue Canada, Customs and Excise, import documents for the months March, April and May 1984. These check and foot valves were classified to the Canadian International Trade Classification in the following Import Commodity Codes:

425-99-52 "Valves, Plastic"
468-29-23 "Valves, Check, Brass or Bronze, except power".

SECTION II

ANALYSIS OF IMPORTS

Imports of check and foot valves during the months March, April and May, 1984, totalled 55,641 units, valued at \$334,301.

IMPORT SUMMARY

Diameter (inches)	PRICE RANGE					
	<u>\$1.00 to \$6.00</u>		<u>\$6.01 to \$12.00</u>		<u>Over \$12.00</u>	
	<u>Quantity</u>	<u>Value</u>	<u>Quantity</u>	<u>Value</u>	<u>Quantity</u>	<u>Value</u>
	(000's)	(\$,000)	(000's)	(\$,000)	(000's)	(\$,000)
1/2 to 2	25.4	92.2	5.4	43.2	2.5	62.4
2 1/8 to 3	-	-	(		.5	27.2
Not Identified	<u>14.1</u>	<u>37.4</u>	(	6.4*	<u>1.3</u>	<u>26.1</u>
TOTAL	39.5	129.6	11.8	88.9	4.3	115.7
% of Total Value		39%		27%		34%

* Grouped to preserve confidentiality

SECTION II

(Continued)

- a) Check and foot valves with prices of \$12 or less accounted for 92 per cent by quantity and 66 per cent by value of the import market (see Table 1).
- b) The check valves, irrespective of unit price, account for 92 per cent by quantity and 93 per cent by value of the import market. Foot valves, irrespective of unit price, accounted for eight per cent by quantity and seven per cent by value of the import market (see Table 2).
- c) Forty-three per cent of imports originated in the United States followed by Japan and Italy (see Figure I).
- d) Imports totalling \$109,069, or 35 per cent of the analyzed value, could not be identified according to size due to inadequate document description (see Table 3).
- e) Of the \$334,301 of imports the top five importers accounted for \$209,242 or 63 per cent of the total value (see Table 5).
- f) Ontario was the major region of entry accounting for 67 per cent of the total value, followed by British Columbia with 20 per cent (see Figure II).

Full details of the analysis are provided in the following tables and figures, pages 5-11.

NOTE: Dollar values shown are based on selling price F.O.B. plant, in Canadian dollars. This selling price represents the value paid by the importer, excluding all freight, packing and insurance costs when specified. All trade discounts when applicable are also deducted from the selling price.

TABLE 1
IMPORTS OF CHECK AND FOOT VALVES - BY PRICE RANGE
MARCH, APRIL AND MAY 1984

<u>Price Range</u> (<u>\$</u>)	<u>Quantity</u> (<u>No.</u>)	<u>Value</u> (<u>\$</u>)	<u>Average</u> <u>Unit Price</u> (<u>\$</u>)
1.00 to 1.50	6,440	8,327	1.29
1.51 to 2.00	4,140	7,621	1.84
2.01 to 2.50	5,360	12,526	2.34
2.51 to 3.00	2,701	7,412	2.74
3.01 to 3.50	1,294	4,176	3.23
3.51 to 4.00	6,860	26,508	3.86
4.01 to 4.50	3,250	13,791	4.24
4.51 to 5.00	4,016	19,454	4.84
5.01 to 5.50	2,988	15,435	5.17
5.51 to 6.00	2,499	14,358	5.75
6.01 to 6.50	2,351	14,643	6.23
6.51 to 7.00	1,822	12,500	6.86
7.01 to 7.50	4,815	35,097	7.29
7.51 to 8.00	669	5,166	7.72
8.01 to 9.00	480	4,053	8.44
9.01 to 10.00	363	3,450	9.50
10.01 to 12.00	1,326	14,042	10.59
12.01 to 15.00	1,034	14,039	13.58
15.01 to 20.00	1,469	25,470	17.34
20.01 to 25.00	569	13,137	23.09
25.01 to 30.00	240	6,620	27.58
30.01 to 40.00	304	10,500	34.54
40.01 to 60.00	381	19,485	51.14
60.01 to 80.00	156	11,149	71.47
80.01 to 100.00	43	4,097	95.28
Over 100.00	<u>71</u>	<u>11,245</u>	158.38
TOTAL	55,641	334,301	

TABLE 2

IMPORTS OF CHECK & FOOT VALVES BY SIZE

<u>Diameter</u> (Inches)	<u>Check</u>		<u>Foot</u>	
	<u>Quantity</u> (No.)	<u>Value</u> (\$)	<u>Quantity</u> (No.)	<u>Value</u> (\$)
1/2	7,219	20,099	129	780
5/8 & 3/4	3,344	15,682	643	2,758
7/8 & 1	7,370	39,208	1,956	8,782
1 1/4	5,831	32,661	1,686	8,924
1 3/8 & 1 1/2	2,949	31,102	146	1,239
1 5/8 & 2	1,916	35,446	116	1,245
2 1/8 & 2 1/2	191	8,564	((
2 3/4 & 3	283	17,437	(	35* 1,305*
Not Indicated	<u>21,827</u>	<u>109,069</u>	—	—
TOTAL	50,930	309,268	4,711	25,033

* Grouped to preserve confidentiality

TABLE 3

IMPORTS OF CHECK VALVES BY MATERIAL

<u>Diameter</u> (Inches)	<u>Quantity</u> (No.)	<u>Value</u> (\$)	<u>Plastic</u>		<u>Brass</u>		<u>Bronze</u>		<u>Material Not Identified</u>	
			<u>Quantity</u> (No.)	<u>Value</u> (\$)	<u>Quantity</u> (No.)	<u>Value</u> (\$)	<u>Quantity</u> (No.)	<u>Value</u> (\$)	<u>Quantity</u> (No.)	<u>Value</u> (\$)
1/2	7,219	20,099	154	1,002	4,420	10,899	2,645	8,198		
5/8 & 3/4	3,344	15,682	151	947	1,081	5,914	2,112	8,821		
7/8 & 1	7,370	39,208	145	1,391	4,292	20,940	2,933	16,877		
1 1/4	5,831	32,661	324	1,585	3,259	15,460	2,248	15,616		
1 3/8 & 1 1/2	2,949	31,102	128	2,163	1,638	15,915	1,183	13,024		
1 5/8 & 2	1,916	35,446	139	3,414	297	9,009	1,480	23,023		
2 1/8 & 2 1/2	191	8,564	(
			(	53*	3,376*	85*	6,366*	336*	16,259*	
2 3/4 & 3	283	17,437	(
Not Indicated	21,827	109,069	572	1,984	17,603	88,943	100	1,594	3,552	16,548
TOTAL	50,930	309,268	1,666	15,862	32,675	173,446	13,037	103,412	3,552	16,548

* Grouped to preserve confidentiality

1
7
1

TABLE 4

IMPORTS OF FOOT VALVES BY MATERIAL

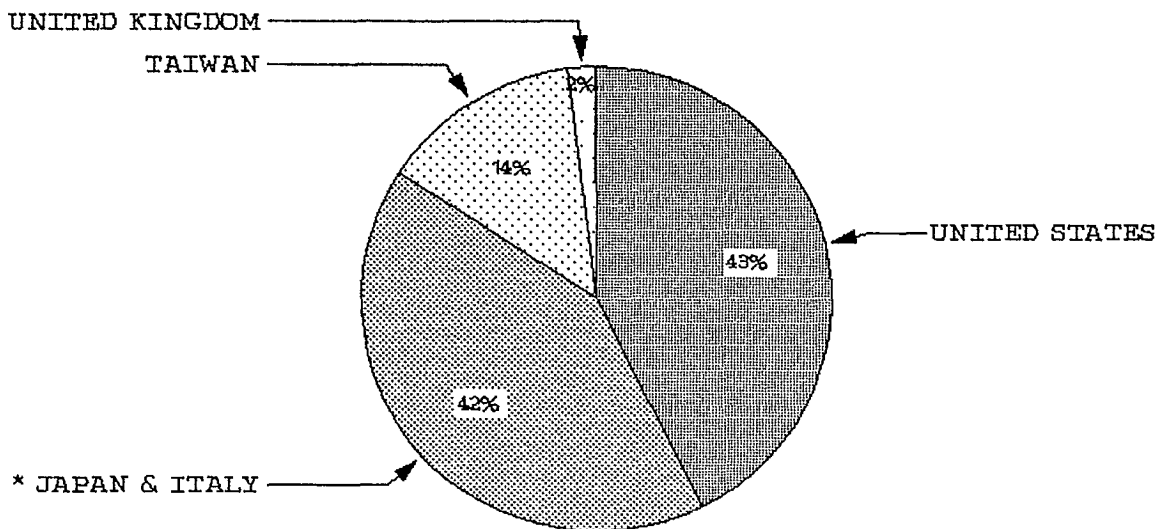
<u>Diameter</u> <u>(Inches)</u>	<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$)</u>	<u>Plastic</u>		<u>Brass</u>		<u>Bronze</u>	
			<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$)</u>	<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$)</u>	<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$)</u>
1/2	129	780	c	c	c	c	c	c
5/8 & 3/4	643	2,758	134	523	c	c	c	c
7/8 & 1	1,956	8,782	241	1,004	441	2,106	c	c
1 1/4	1,686	8,924	137	704	c	c	c	c
1 3/8 & 1 1/2	146	1,239	c	c	c	c	c	c
1 5/8 & 2	116	1,245	c	c	c	c	c	c
2 1/8 & 2 1/2)	35	1,305	c	c	-	-	-	-
2 3/4 & 3)			c	c	-	-	c	c
TOTAL	4,711	25,033	761	5,433	766	4,068	3,184	15,532

c = Confidential data included in total.

1
∞
1

FIGURE I
IMPORTS OF CHECK AND FOOT VALVES
BY COUNTRY OF ORIGIN
MARCH, APRIL AND MAY 1984

	<u>Quantity</u> (No.)	<u>Value</u> (\$)
United States	23,704	164,952
Japan (	23,317*	135,152*
Italy (
Taiwan	7,776	20,779
United Kingdom	<u>844</u>	<u>13,418</u>
TOTAL	55,641	334,301



PERCENTAGE OF QUANTITY 100% = 55,641

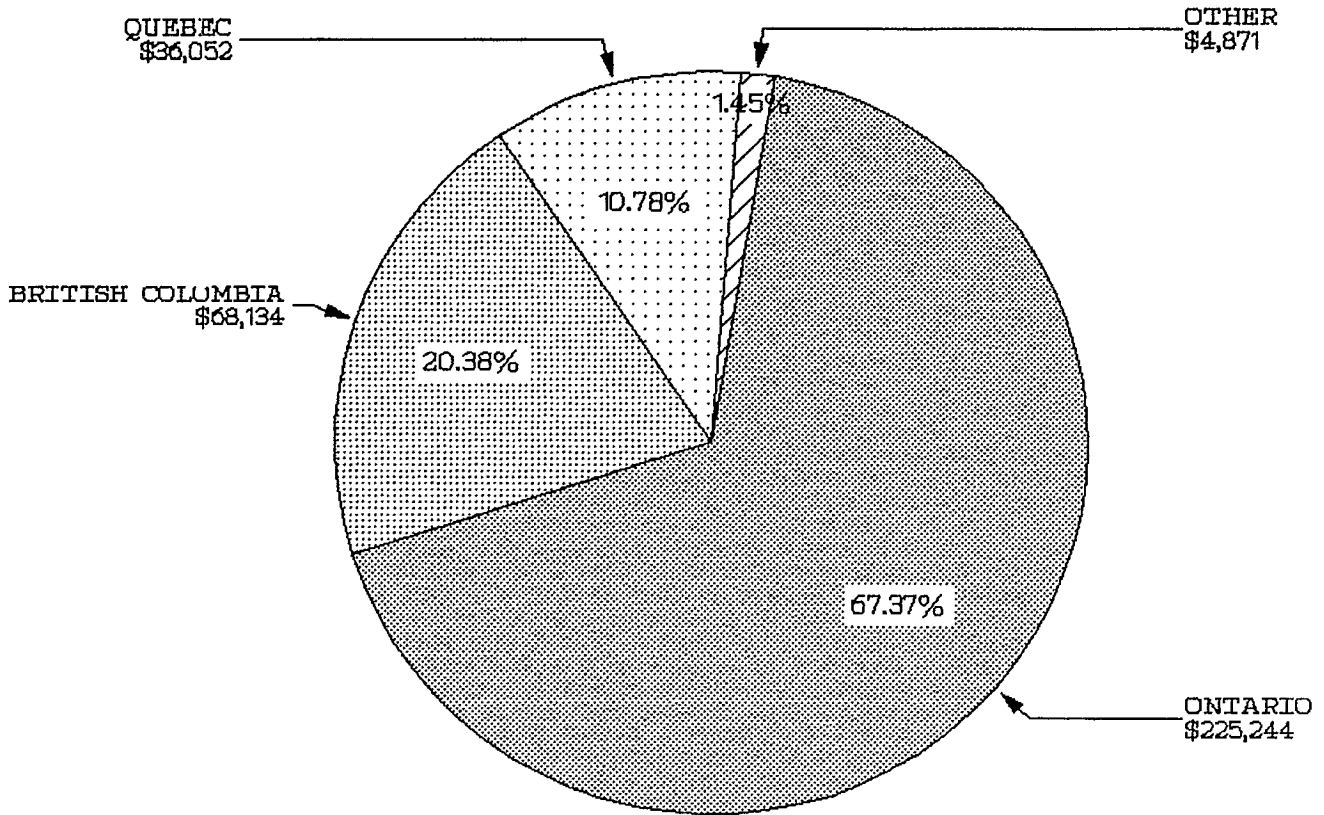
* Aggregated to preserve confidentiality
 All percentage figures are rounded

SOURCE: Own Survey

FIGURE II

IMPORTS OF CHECK & FOOT VALVES BY PROVINCE OF ENTRY

MARCH, APRIL AND MAY 1984



PERCENTAGE OF VALUE 100% = \$334,301

OTHER: Includes Alberta, Manitoba & New Brunswick

SOURCE: Own Survey

TABLE 5

IMPORT MARKET CONCENTRATION

<u>Importers</u>	<u>Cumulative Quantity (No.)</u>	<u>Cumulative Value (\$)</u>	<u>% of Total Value</u>
Top 5	35,467	209,242	63
Top 10	46,442	263,686	79
Top 15	50,893	294,608	88

SECTION III

CANADIAN IMPORTERS

Importers of check and foot valves during the period March, April and May 1984, as indicated in Section II, are listed below in alphabetical order:

<u>NAME</u>	<u>ADDRESS</u>
Alltemp Products Co. Ltd.	Pickering, Ontario
Atlas Alloys, Div. Rio Algonia Mines Ltd.	Dorval, Québec
Automotive Hardware Ltd.	Toronto, Ontario
Bijur Canada Ltd.	Guelph, Ontario
Bouthillette Doherty Inc.	St-Laurent, Québec
Chemline Plastic Ltd.	Thornhill, Ontario
Compair Canada Inc.	Mississauga, Ontario
Crane Canada Inc.	Brantford, Ontario
Davie Shipbuilding Co. Ltd.	Levis, Québec
Dixon Valve & Coupling Ltd.	Barrie, Ontario
Dover Corp.	Chatham, Ontario
Emco Wheaton Ltd.	Toronto, Ontario
Evergreen Equipment Ltd.	Surrey, B.C.
F.E. Myers (Canada) Ltd.	Kitchener, Ontario
Fabricated Plastics Wholesale	Maple, Ontario
Ferco Mat. Inc.	Chicoutimi, Québec
Fisher Scientific Ltd.	Ottawa, Ontario
Goulds Pumps	Kitchener, Ontario
Higginson Equipment Sales Ltd.	Burlington, Ontario
Honeywell Braukmann Inc.	Weston, Ontario
ITT Grinnell Inc.	Edmonton, Alberta

SECTION III

(Continued)

CANADIAN IMPORTERS

<u>NAME</u>	<u>ADDRESS</u>
John J. Downs	Toronto, Ontario
John L. Schultz	Lachine, Québec
Kern Thermal Equipment Ltd.	Rexdale, Ontario
Launier Ltée.	Trois-Rivières, Québec
Les Compresseurs Lavoie Ltée.	Laval, Québec
Les Entreprises Refac Inc.	Montréal, Québec
Les Ventes Denis Gauvreau Inc.	Chomedey, Québec
Lunkenheimer Canada Ltd.	Toronto, Ontario
M.A. Steward & Sons Ltd.	Surrey, B.C.
Makinson Winchester Inc.	Montréal, Québec
McPherson & Thom Ltd.	Calgary, Alberta
Mediterranean Trading Co.	Lachine, Québec
Mel Boshart & Son Ltd.	Millbank, Ontario
Mitchell Dist.	Winnipeg, Manitoba
Mitsui & Co. (Canada) Ltd.	Vancouver, B.C.
Neo Valves Limited	Downsview, Ontario
Newman Hattersley Ltd.	Mississauga, Ontario
Ontario Hose Specialities Ltd.	Mississauga, Ontario
Petroquip Ltd.	Don Mills, Ontario
Process Piping Specialities Inc.	Montréal, Québec
Pumps & Softeners	London, Ontario
Rain Bird Sprinkler Mfg.	Surrey, B.C.
Romatec-RML Div. of Robert Muddiman	Montréal, Québec
Royal Fluid Power Ltd.	Burlington, Ontario
Scepter Manufacturing Co. Ltd.	Edmonton, Alberta
Tessler Brothers Ltd.	Vancouver, B.C.
USS Oilwell Supply Co. Ltd.	Calgary, Alberta
Viking Fire Protection	St-Laurent, Québec
Wabco Ltd.	Hamilton, Ontario
Westburne Industrial Enterprises Ltd.	Calgary, Alberta

SECTION IV

FOREIGN EXPORTERS TO CANADA

Major exporters to Canada of products shown in Section II of this report are listed below in descending order of dollar value. These values accounted for 88% of the total analyzed value of \$334,301.

<u>NAME</u>	<u>ADDRESS</u>
Mitsui & Co. Ltd.	Tokyo Japan
VIR SPA	Valduggia Italy
Flomatic Corporation	North Hoosick, NY USA
Simmons Manufacturing Co.	McDonough, GA USA
Rego Inc.	Chicago, IL USA
Crane Co.	Carol Stream, IL USA
Wabco (Westinghouse Air Brake Div.)	Wilmerding, PA USA
Air-Con Inc.	Erie, PA USA
Hattersley Newman Hender Ltd.	Lancashire U.K.
Mounting Associates Inc.	Taipei Taiwan
Singer Controls Div.	Fremont, OH USA
Rubinetterie F. LLI Conti.	Valduggia Italy
Henry Valve Intl. Sales Co.	Melrose Park, IL USA
Enterprise Brass Works	Muskegon, MI USA
Conbraco Industries Inc.	Pageland, SC USA
	Matthews, NC USA

SECTION V

CANADIAN PRODUCTION

Check and Foot valves as described in this report are made in Canada. However, Statistics Canada does not provide separate data on shipments by Canadian manufacturers.

The Canadian Trade Index (1985), issued by the Canadian Manufacturers' Association, indicates that there are at least 29 manufacturers of check valves and five of foot valves.

SECTION V (Continued)

CANADIAN PRODUCTION

Check valves manufacturers are listed below in alphabetical order:

- Canada Valve Inc., Milton, Ontario
- * De Zurik of Canada, a Division of General Signal Ltd., Cambridge Ontario
- Dresser Canada Inc., Industrial Products Division, Mississauga, Ontario
- * Durabla Canada Ltd., Belleville, Ontario
- Eclipse Fuel Engineering Co. of Canada Ltd., Don Mills, Ontario
- * Emco Ltd., London, Ontario
- Epps Mfg. Ltd., Clinton, Ontario
- Everlasting Valve Co. Ltd., Guelph, Ontario
- FESTO Inc., Rexdale, Ontario
- The Guelph Engineering Co. Ltd., Guelph, Ontario
- Honeywell Braukmann Inc., Scarborough, Ontario
- Hoover, Curtis Ltd., Edmonton, Alberta
- * ITT Grinnell, Division of ITT Industries of Canada Ltd., Toronto, Ontario
- Industries Couture Ltée, Chicoutimi, Québec
- * Jenkins Canada Inc., Lachine, Québec
- Josam Mfg. Canada, Scarborough, Ontario
- Linatex Canada Inc., Montréal, Québec
- * Lunkenheimer Canada Ltd., Toronto, Ontario
- Proquip Valves Inc., Oakville, Ontario
- Ritepro Inc., Montréal, Québec
- * Singer Valve, Surrey, B.C.
- Stream-Flo Industries Ltd., Edmonton, Alberta
- Terminal City Iron Works Ltd., Vancouver, B.C.
- Trueline Valve Co., Richmond, B.C.
- Valtek Controls Ltd., Edmonton, Alberta
- Velan Inc., Montréal, Québec
- Victaulic Co. of Canada Ltd., Rexdale, Ontario
- Ward Ironworks Ltd., Welland, Ontario
- Wheatley Canada Ltd., Calgary, Alberta

Foot valves manufacturers are listed below in alphabetical order:

- Canada Valve Inc., Milton, Ontario
- Cla-Val Canada Limited, Beamsville, Ontario
- * Emco Limited, London, Ontario
- Epps Mfg. Ltd., Clinton, Ontario
- Valtek Controls Ltd., Edmonton, Alberta

* Indicates firms engaged in export trade

SECTION VI

CANADIAN AND FOREIGN TARIFFS

CANADA

Check and Foot valves included in this analysis were dutiable under the following most commonly applied tariff item.

<u>Tariff Item</u>	<u>Description</u>	<u>British Preferential Tariff</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>	<u>U.K. & Ireland</u>
35200-1	Brass and copper nails, tacks, rivets and burrs or washers; bells and gongs, n.o.p.; and manufacturers of brass or copper, n.o.p.....1984	12.9%	12.9%	30%	8.5%	12.9%
	.....1985(1)	12.1%	12.1%	30%	8%	12.1%

(1) Pending passage of the Ways and Means Motion announced in Parliament by the Minister of Finance November 8, 1984, entries under this tariff item will be accepted "Subject to Amendment".

Tariff arrangements and foreign countries of export:

Most favoured Nation: Italy, Japan, Taiwan and United States
Most favoured Nation or U.K. and Ireland Tariff: United Kingdom

Tariff items and rates of duty are subject to change and need to be verified by direct reference to:

Tariff Programs (Tel: (613) 996-6595)
Revenue Canada
Customs and Excise
Ottawa, Ontario
K1A 0L5

FOREIGN COUNTRIES

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

Trade Information Centre (Tel: (613) 993-6435)
International Bureaux
External Affairs
Ottawa, Ontario
K1A 0G2

