

CROSTOWN METAL INDUSTRIES LTD.

Brief Corporate Profile

**Contractor specializing in Industrial Ventilation,
HVAC Systems and Architectural Metal Work**

**Crosstown Metal Industries Ltd.
#100, 13133 – 115 Avenue
Surrey, BC V3R 2V8**

Tel: (604) 589-3133

Fax: (604) 589-3134

info@crosstownmetal.com

www.crosstownmetal.com



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HISTORY

Crosstown Heating & Ventilating Ltd. was established in Edmonton, Alberta in 1964 by Mr. L. Popowich. The company continues to operate and has its Manufacturing Operation located in Spruce Grove, Alberta. The company employs between 50 to 75 full time Sheet Metal Workers including Office Staff in both Shop and Field with annual sales of approximately 10 million dollars.

In 1972, The Company participated in setting up a fabrication facility in Calgary, Alberta. This company is currently owned and operated by Glen and Rita Popowich as Crosstown Heating & Ventilating (Calgary) Ltd. Annual sales and employee ratios are similar to Edmonton.

In 1986, Crosstown Metal Industries was Incorporated in the Province of British Columbia, with its New Manufacturing Facility located at 13133 - 115 Avenue Surrey, BC. Again it operates similar to Edmonton and Calgary and is active in all sectors of the Sheet Metal Industry. Its business is equally divided between the Industrial, Commercial and the Hi-Rise Condominium markets. It also fabricates and installs Misc. Iron & Architectural Metal Work.

Combined, the Crosstown Companies have manufactured and installed Process Ventilation Systems throughout Western Canada, The Northwest & Yukon Territories, Alaska and a Resort Hotel Complex in Nassau, The Bahamas.

OWNERSHIP AND MANAGEMENT

1. L. R. Popowich
President & General Manager
2. Julian H. Popowich
Senior Estimator
3. Pat Barlee
Estimator & Project Coordinator
4. David Kisser
Estimator & Project Coordinator
5. Danny Bowles
Estimator & Project Coordinator
6. Brenda C. Barlee
Accountant
7. Martin Rachel
Production Manager
8. Shellie Rachel
Assistant Production Manager
9. Denver Ah Sing
Shop Foreman
10. Jonathan Poole
Solid Works Design / Marketing

PLANT

Location: 100 – 13133 - 115 Avenue, Surrey, BC. V3R 2V8

Area: 16,000 Sq. Ft. Office Shop Area

Equipment:

- Power Shearing, Power Brakes
- Roll Forming, Punch Press
- Iron Workers, Spot Welders
- TDC High Pressure Duct Connection
- 220 ton Durma CNC Press Brake
- 70 ton Elgin Press Brake
- Triumph CNC Trumatic Laser Press
- Roto Die Hydraulic Flashing Brake
- CWB Certified Welding Shop
- Welty Way Auto Duct Coil Line
- Striker CNC Software
- 7.5 ton Trolley Crane, (2) Single Mono Rail Shop Cranes
- MG Computerized Plasma Cutting Table, Speeds to 600 inches per minute
- Shop Data Systems Inc. Parts II Plus and Quick Duct Software Program
- Access to Sandblasting, Industrial Coatings and Powder Coat Paint Finish

Materials:

- Galvanized Iron, Mild Steel
- Stainless Steel
- Aluminium, Copper

DRAFTING, DESIGN, ESTIMATING SERVICES

Cad System:

Our Firm utilizes a Cad System specifically designed for the Sheet Metal Industry by INTELICAD of Tulsa Oklahoma. The System allows us to provide interference drawings for Duct Systems showing plan elevation and 3D Views. We also produce Shop Drawing from Solid Works & Auto Cad.

Estimating System:

Detailed Estimates complete with Audit Trails are produced by a Computerized Estimating System, utilizing a digital board. This system was developed by Quote Express Software Inc.

PAST PROJECT PARTICIPATION

<i>Project</i>	<i>Location</i>	<i>Type</i>
COMMERCIAL:		
Eaton Centre	Victoria, B.C.	Downtown Retail
Trans Mountain Building	Vancouver, B.C.	Office Retail
BC Hydro Tower	Burnaby, B.C.	Office Tower
Coquitlam Aquatic Centre	Coquitlam, B.C.	Aquatic Centre
INSTITUTIONAL:		
Kamloops Correctional Centre	Kamloops, BC.	Prison
Fraser Regional Corr. Centre	Haney, BC.	Prison
Burnaby Women's Corr. Centre	Burnaby, BC.	Prison
University of Northern B.C.	Prince George, BC.	University
David Lam Building (UBC)	Vancouver, BC.	Research Facility
Forintek Building (UBC)	Vancouver, BC.	Research Facility
Compact Eng. Facility	Chilliwack, BC.	Training Centre
Hazelton Secondary School	Hazelton, BC.	High School
Chilliwack General Hospital	Chilliwack, BC.	Acute Care
Yukon College Art Centre	Whitehorse, Yukon	University
MDS Nordian Cyclotron Expansion	UBC	Research Facility
RESIDENTIAL HI-RISES:		
Pacific Place I & II (Grand Adex Developments)	Vancouver, BC.	30 Storey Condo
Concordia I - Columbus (Concordia Pacific Developments)	Vancouver, BC.	19 Storey Condo
Pointe Claire (Jaken Developments)	Vancouver, BC.	35 Storey Condo
Chatham Hampton Place (United Properties)	Vancouver, BC.	18 Storey Condo
Observatory "C" (Intrawest Developments)	Surrey, BC.	25 Storey Condo
The Pointe (Grand Adex Developments)	Vancouver, BC.	33 Storey Condo
Gardenia Villa (Twin Tower) (Broadway-Nanaimo)	Vancouver, BC.	8 Storey Res. 5 Storey Condo
Meridian Cove	Vancouver, BC.	8 Storey Res.
Aquarius Towers A,B,C,D,E (Concord Pacific Developments)	Vancouver, BC.	Multi Tower Condo
Ocean Walk Residences	Richmond	(3) 12 Storey Condo
Shangri La Hotel & Residence	Vancouver, BC.	62 Storey
Millennium Water Parcel 9	Vancouver, BC.	Olympic Village Complex

PAST PROJECT PARTICIPATION

<i>Project</i>	<i>Location</i>	<i>Type</i>
MINING:		
Echo Bay Mines	Yellowknife, NWT	Lupin Gold Project
Keylake Mines	Keylake, Sask.	Yellowcake Project
Union Oil Canada	OBED Marsh, Alta.	Thermal Coal Building
Greg River Mines	Greg River, Alta.	Coal Dust Collection
PCS Mining Corp.	Lanigan, Sask.	Potash Mine
Giant Mines	Yellowknife, NWT	Gold Processing Plant
Norco Mines	Northern Manitoba	Zinc Processing Plant
BHP Billiton	Ekati Diamond Mine	Primary Crusher D.C
Teck Cominco	Red Dog Mine, Alaska	Zinc Processing Plant
PETRO CHEMICAL:		
Dow Chemical Canada	Fort Saskatchewan, Alta.	Resin Plant
Sherrit Gordon Mines	Fort Saskatchewan, Alta.	Fertilizer Plant
Esso Chemicals Canada	Red Water, Alta.	Fertilizer Plant
Suncor Canada	Ft. McMurray, Alta.	Generator Building
Syncrude Canada	Ft. McMurray, Alta.	Oil Recovery Building
Esso Resources	Cold Lake, Alta.	Heavy Oil Upgrader
PULP & PAPER:		
Merfin Paper	Delta, B.C.	Lab Upgrade
Northwood Pulp	Prince George, B.C.	Recaust Addition
Finlay Forest Industries	MacKenzie, B.C.	AST Conversion
Fletcher Challenge	MacKenzie, B.C.	Browstock Addition
MacMillan Bloedel	Powell River, B.C.	Control Building
Newstech Recycling	Coquitlam, B.C.	De-Inking Plant
Weldwood of Canada	Hinton, Alta.	Paper Mill Expansion
Quesnel River Pulp	Quesnel, B.C.	Scavaging Ductwork
Diashowa Pulp Mill	Peace River, Alta.	New Pulp Mill
PRODUCT HANDLING FACILITY:		
United Grain Growers	Vancouver, B.C.	Dust & Spouting
Canada Lafarge	Richmond, B.C.	Dust & Chutes
Wescan Grain	Alex, Alta.	Malting Plant
Vancouver Wharves Ltd. (Berth 4/5 Development)	North Vancouver, B.C.	Dust Controller & By-Product Handling
THERMAL POWER PLANTS:		
Genesee Power Project	Genesee, Alta.	Power Plant
Trans Alta Utilities	Sundance, Alta.	Power Plant

PAST PROJECT PARTICIPATION

<i>Project</i>	<i>Location</i>	<i>Type</i>
WATER AND SEWAGE TREATMENT PLANTS:		
Annacis Island WWTP A-04	New Westminster, BC.	Water Sewage Treatment Plant
French Creek WWTP	Qualicum, B.C.	ditto
Annacis Island WWTP A09C	New Westminster, BC.	ditto
LuLu Island WWTP L02/L03	Richmond, BC.	ditto
Annacis Island WWTP A-07	New Westminster, BC.	ditto
Annacis Island WWTP A-13	New Westminster, BC.	ditto
Mamquam WWTP	Squamish, BC.	ditto
Seymour Capilano Water Treatment	North Vancouver, BC.	Water Filtration Plant
SPECIAL PROJECTS:		
CP Rail Rogers Pass	Rogers Pass, B.C.	Tunnel Ventilation Bldg.
Crystal Palace Hotel	Nassau, Bahamas	Hotel & Casino (800 Rooms)
North Warning Systems	Alaska, USA	Radar Stations
OSB PLANTS		
Meadow Lake OSB Plant	M.L. Saskatchewan	HVAC Electrical & Control Rooms.
Canfor-LP OSB Plant	Fort St. John, BC.	HVAC Electrical & Control Rooms
UNISTRUT SUSPENSION SYSTEMS		
V.I. Convention Centre	Nanaimo, BC.	Meeting Rooms
Vancouver Convention Centre	Vancouver, BC.	Media Centre Control Room
Cactus Club Restaurants	Vancouver, BC.	Wood Slat Suspension System
900 Burrard (Scotia Theatre Complex)	Vancouver, BC.	Drive Isle Ceiling
MISCELLANEOUS IRON WORKS		
Pre-Aeration Tank Covers, GVRD	Annacis Island, BC.	Aluminium Tank covers
LuLu Island Sediment Tanks, GVRD	LuLu Island, BC.	Aluminium Guardrails
Capilano Pump Station, GVRD	Cleveland Dam, BC.	Safety Handrails, Stairs & Platforms
Boundry Heights Chambers, GVRD	Vancouver, BC.	Steel Platforms & Walkways
ARCHITECTURAL METAL WORKS		
SS Link Project - Ledcor	YVR	Vancouver International Airport
Oversized Baggage – Turnkey	YVR	ditto
C38 Upgrade – Ledcor	YVR	ditto
Bag Haul Tenant Fit-out – Ledcor	YVR	ditto
Voluntary Compliance – Turnkey	YVR	ditto
FID's Display – YVR Direct	YVR	ditto
Project No. 3 – Turnkey	YVR	ditto
Visual Paging system – YVR Direct	YVR	ditto
YVR Pier C Early Works – Turnkey	YVR	Vancouver International Airport

PAST PROJECT PARTICIPATION

<i>Project</i>	<i>Consultant</i>	<i>Type</i>
MECHANICAL RETROFITS (HVAC UPGRADES)		
1. Howe Sound School District No. 48		
• Howe Sound Secondary	Rocky Point Engineering	Mechanical Upgrade
• Don Ross Secondary	ditto	ditto
• Mamquam Elementary	ditto	ditto
• Stawamus Elementary	ditto	ditto
• Brackendale Secondary	ditto	Mechanical Upgrade
2. Vancouver School District No. 37		
• Thunderbird Elementary	Quadra Pacific Consultants	Mech./ Elect. Upgrade
• Sir William Osler Elementary	ditto	ditto
• General Brock Elementary	ditto	ditto
• L'Ecole Bilingue' Elementary Upgrade	MCW Consultants	Mech / Elect.
3. Surrey School District No. 36		
• James Ardiel Elementary	Rocky Point Engineering	Mechanical Upgrade
• Semiahmoo Secondary	Quadra Pacific Consultants	ditto
• Senator Reid Elementary	ditto	ditto
• Earl Marriott Secondary	ditto	ditto
• JT Brown Elementary	ditto	ditto
• Jessie Lee Elementary	ditto	ditto
• Mary Jane Shannon Elementary	ditto	ditto
• Prince Charles Elementary	JM Bean Consultants	ditto
• TE Scott Elementary	JM Bean Consultant	ditto
• Kennington Elementary	JM Bean Consultants	Mechanical Upgrade
4. Coquitlam School district No. 43		
• Hillcrest / Mundry Road Elem.	Rocky Point Consultants	Mechanical Upgrade
• Rochester Elementary	ditto	ditto
• Kilmer Elementary	ditto	ditto
NON STRUCTURAL SEISMIC UPGRADES (School District No. 36 Surrey)		
• Clayton Heights Elementary	Pomeroy Consultants	Seismic Upgrade
• Sullivan Heights Elementary	ditto	ditto
• AHP Matthews Elementary	ditto	ditto
• Chimney Hill Elementary	ditto	ditto
• Cloverdale Elementary	ditto	ditto
• Discovery Elementary	ditto	ditto
• Dr. FD Sinclair Elementary	ditto	ditto
• East Clayton Elementary	ditto	ditto
• George Greenaway Elementary	ditto	Seismic Upgrade

CROSTOWN METAL INDUSTRIES LTD. STANDARD JOB-SITE SAFETY PROGRAMME

1. Crosstown Metal Industries will appoint a project safety coordinator who will implement and oversee all aspects of the safety programme.

2. The foreman and superintendent will be responsible for enforcing all company safety policies and procedures.

3. Mechanical Trades Safety Manual in handbook form to be given to each employee.

4. Weekly tool box safety talks to be scheduled, notice of time and place posted, and the attendance to be recorded.

The following are twelve basic topics to be discussed, one per meeting including:

- 1) The Basics: Cleanup and Clothing
- 2) Storing and Lifting Materials
- 3) Hand Tool Safety
- 4) Handling and Storing Gases, Liquid Fuels, and Compressed Gas Cylinders
- 5) Welding and Burning
- 6) Ladders and Scaffold
- 7) Electrical Hazards
- 8) Hoisting and Rigging
- 9) First Air Procedures
- 10) Occupational Health and Safety Programme
- 11) Slips / Trips / Falls
- 12) Eye and Face Protection

5. Self Inspection by Safety Coordinator

- a) Weekly Inspection and Report Record
- b) Self Inspection Check List
- c) Check Protective Clothing
- d) Check Equipment
- e) Check Arc and Flame Welding & Cutting Operation
- f) Check Protective Devices and Warning Signs
- g) Check Cylinders
- h) Check for Cleanliness
- i) Check for Toxic Substances
- j) Check for Fire Hazards
- k) Check for Fire Fighting Equipment
- l) First Aid

6. Safety Manuals

- a) Accident Fact Flyers
- b) Safety Posters
- c) Job-site Reporting Form & Checklist
- d) Films

7. Safety Programme Set Up and Monitored by Care Institute of Safety & Health Inc.
1770 East 18th Avenue, Vancouver, B.C.