

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**

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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 | 7. | Martin Rachel Production Manager |
| 2. | Darla Popowich Office Administrator | 8. | Shellie Rachel Assistant Production Manager |
| 3. | Pat Barlee Estimator & Project Coordinator | 9. | Denver Ah Sing Shop Foreman |
| 4. | David Kisser Estimator & Project Coordinator | 10. | Jonathan Poole Solid Works Design / Marketing |
| 5. | Danny Bowles Estimator & Project Coordinator | 11. | Chris Thiessen S/M Detailer |
| 6. | Don Springford Estimator & Project Coordinator | 12. | Kristina Popowich Safety Coordinator |

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.