



**METRO
CONCRETE
RESTORATION
GROUP**



Letter of Introduction
Metro Concrete Restoration

www.metroconcreterestoration.com

Metro Concrete Restoration

A Division of the CCMET Group of Companies

Who We Are

Metro Concrete Restorations Group has combined the skills, talents, and extensive knowledge of Neil McAskill and Curtis Syrnyk to form a company that caters to the needs of clients with an aging concrete infrastructure in the Lower Mainland.

The group supplies its clients with best practice solutions to their concrete restoration problems

by applying expertise acquired through many years as materials and quality consultants. From decades of consulting, materials engineering and structural assessments, Metro has become a leader in concrete repair practices.

Metro's engineers, technologists, technicians, inspectors, support staff, and nozzle men have a proven track record for quality work with shotcrete for strata, major local contractors, engineering and architectural firms, as well as with municipal and provincial government agencies.

"They are a full service concrete repair company that has built a trusted reputation in the industry." - Baskin Associates

The company employs a number of ACI/ASA certified nozzleman with extensive "hands-on" experience applying shotcrete in marine, industrial, and civil applications, both above and below ground.

Our Mission



At Metro Concrete Restoration it is our mission to deliver unparalleled concrete restoration services to all clients regardless of size or scope. This commitment is achieved by placing the principles of integrity, quality and customer satisfaction as the key considerations of every person in our company.

"Treat every project like it's your biggest project"

Our History



Metro Concrete Restoration evolved naturally as we learned that our clients found a shortage of technically qualified contractors in the restoration industry. Customers were looking for a team who were able to provide assessment and consulting services followed by the execution of the repairs. This ability provided our clients with confidence in our services and gave us the competitive advantage needed to become leaders in a highly competitive industry.

Since 2006 Metro Concrete Restoration has been providing specialty restoration services to a multitude of clients in areas of construction which include; Shotcrete, Grout, Epoxy, Membrane, Liners, Spot Repairs, Fiber Reinforcement, Parkades, Concrete Decks, Joints, and Bridges.

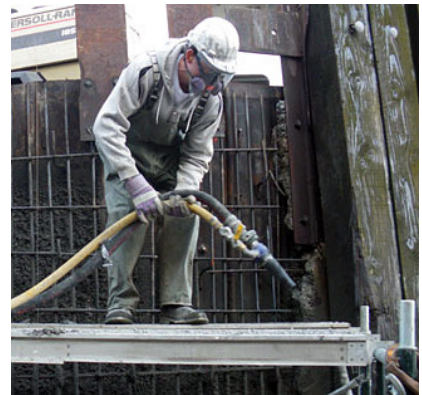
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Our Company

Metro C.R. is a full-service concrete restoration company that combines innovative concrete technologies with tried and tested repair methods to achieve the best value for our clients. Whether you require repairs to your strata building, a marine structure or support columns on a bridge, our integrated departments and diversified staff make it easy for us to provide you with repair solutions for any problem. Our wide range of concrete repair and consulting services include the following:

- Structure Evaluation
 - Condition Assessment
 - Remedial Recommendations
 - Project Management
 - Epoxy Crack Injection
 - Shotcrete Placement
 - Fibre Wrapping
 - Hydro Demolition
 - Selective Concrete Removal
 - Membrane Application
 - Materials Testing
- An innovative company that strives to maintain and provide reliable, cost conscious services that will meet our client's evolving demands.
 - A certification body for the American Concrete Institutes Shotcrete Placement Accreditation.
 - An employee owned company with a team of qualified, experienced project managers and professional constructors who can quickly meet the needs of your project.



Contact Metro Concrete Restoration today to receive an estimate for your next project.
We guarantee you competitive pricing and outstanding customer service.

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What We Do

Our value added service starts with our ability to apply our materials engineering background to your restoration project. By employing sophisticated inspection techniques and traditional assessment methodologies we at Metro C.R. are able to work with your team to develop the best approach to remedial activities. Together with our clients we can develop a maintenance schedule which prioritizes the needs of your aging structure. This schedule can be cost loaded for forecasting of maintenance budget requirements allowing management to allocated needed resources where they can be of most value.

Once restoration is determined to be necessary we will begin the process of preparing the existing structure for repair. Typically this includes the following:

- Bulk removal of deteriorated concrete, sealants and coatings
- Hydro Demolition of large sections of concrete.
- Selective chipping of small sections
- Cutting and facing the substrate for pressure washer and grit blasting
- Grit blasting corroded metal reinforcing and anchoring.
- Application of anti-corrosion additives

Once the substrate is sufficiently prepared for the application of the repair material it is ready for the installation. Examples of some of the repair methodologies typically used are found below:

For Cracks

- Epoxy Injection of cracks 0.01-8mm
- Routing and Grouting of cracks 8mm-25mm
- When spanning structural cracking a carbon fibre or fibre glass wrap may be installed for strengthening

For Spalling and Delamination

- Removal of delamination to sound concrete
- Installation of additional reinforcement where required
- Shallow depths are patched with a mortar
- Deep depths are shot with a shotcrete concrete material
- Surfaces are then parged and ground to suit the finishing needs of the client

Seismic Upgrading

- Preparation of surface for secure bond adhesion of reinforcement
- Installation of anchoring plates and bolts
- Installation of reinforcing steel
- Application of Shotcrete and/or concrete
- Often grouting is also used to enhance the resistance of structures to seismic forces
- In addition, fibre wrapping of columns and shear walls is often used to strengthen key structural elements.

Surface Protection

- Anti-corrosion protection can be applied to the exterior surfaces
- Membrane coatings can be applied to decks and slabs
- Liners can be applied to reservoirs and tanks

For a more comprehensive list of our services and additional information please visit our website at:

<http://www.metroconcreterestoration.com/>