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## Efficient and Cost-Effective Restoration of Rusty Metal Stairs

- ✓ **Streamlined Process**
- ✓ **Minimal Labor**
- ✓ **Remarkable Results**



## Client Profile:

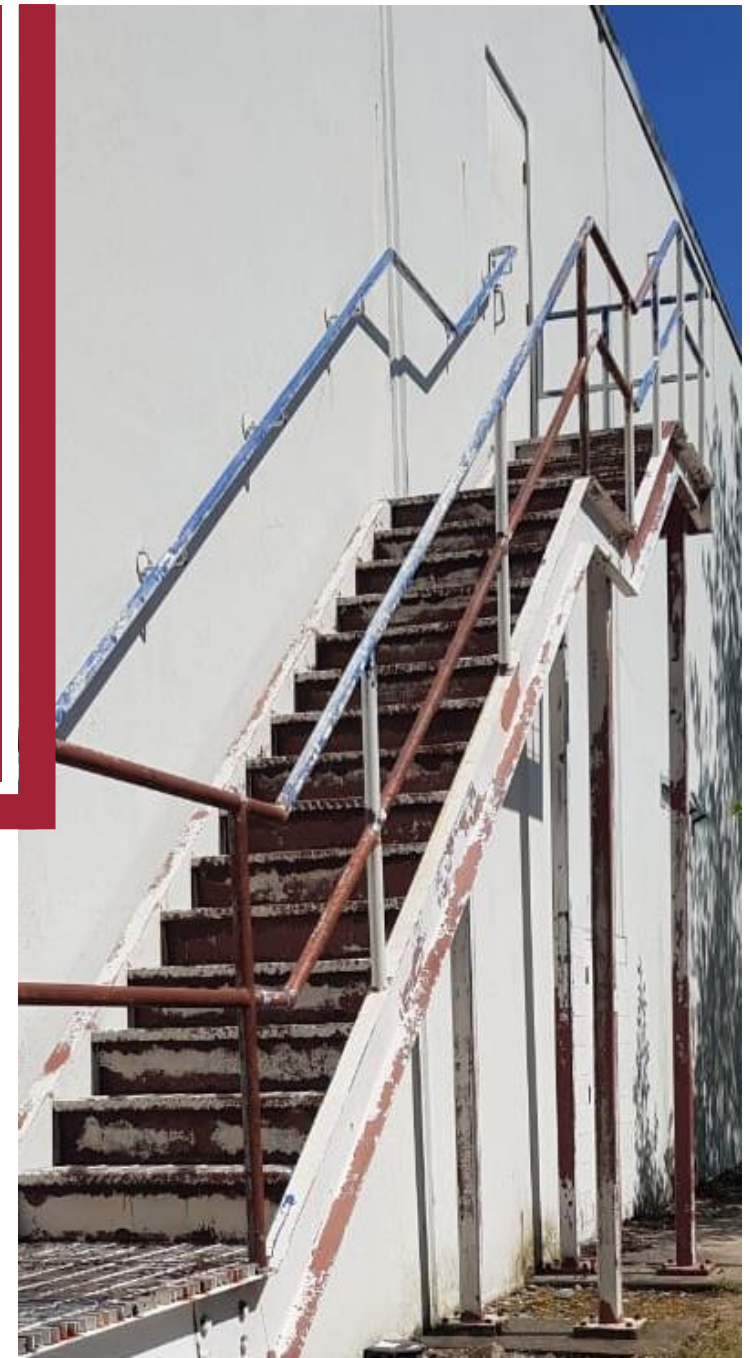
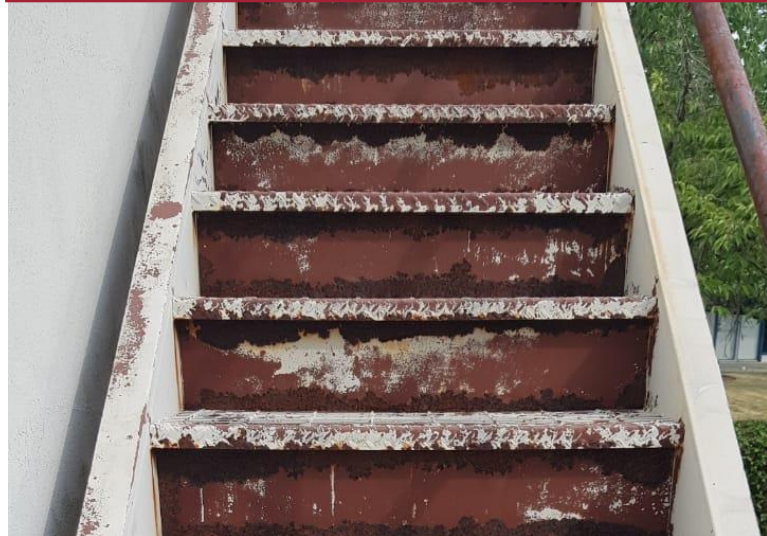
Ashkelon Construction Ltd is a General Contracting, renovations and interior design service company for commercial and residential properties in Vancouver and the Lower Mainland.

With a strong focus on quality and customer satisfaction, Ashkelon Construction Ltd. has built a reputation for delivering exceptional craftsmanship and innovative solutions.



## Challenge:

One of the recent challenges faced by Ashkelon Construction Ltd. involved the restoration of a heavily corroded metal staircase. Exposed to harsh weather conditions over an extended period, the stairs had succumbed to rust and corrosion, compromising their structural integrity and aesthetic appeal. The client required a reliable and efficient solution to restore the stairs and prevent further deterioration.





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## **Solution:**

To tackle the rust and corrosion issues on the metal stairs, NanoTech Innovation Inc. was sub-contracted to implement its advanced rust converter product. The process involved several stages, including preparation, application of the rust converter, a middle coat, and a top coat. After a general pressure washing, The advanced rust converter solution was applied directly to the corroded areas of the metal stairs. The rust converter effectively penetrated the rust, converting it into a stable compound and creating a suitable surface for further coating. The application process was carried out with precision, ensuring comprehensive coverage and optimal adhesion. Following the application of the rust converter, a middle coat and a top coat were applied to provide additional protection and enhance the durability of the restored metal stairs.





## Benefits and Results:

The rust converter effectively halted the corrosion process, restoring the structural integrity of the metal stairs. The comprehensive restoration process, including the middle and top coats, resulted in a visually appealing finish for the metal stairs. The client could rest assured knowing that the restored metal stairs were equipped to withstand harsh weather conditions, extending their lifespan and reducing maintenance requirements.

By opting for the advanced rust converter solution and restoration process, the client avoided the need for extensive repairs or complete replacement of the metal stairs. This approach offered a cost-effective solution, saving both time and financial resources.



Cost-Effective Solution



Aesthetically Pleasing Outcome



Long-Term Protection

“Your technology was very cost effective and your product is a perfect fit for restoration of corroded parts in buildings”

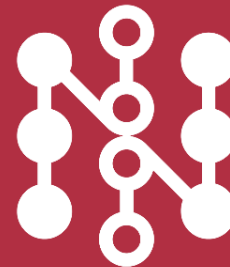
Ashkan

Owner of Ashkelon Construction



# About NanoTech Innovation

NanoTech Innovation combines expertise in engineering and material science with rich experience in product innovation and operations to manufacture a line of novel plant-based rust converter products that are applied directly on rusted structures, equipment and pipes, with no or minimal surface preparation, to convert the existing rust into a primer and a protective layer that prevents future corrosion.



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**For more information please contact [info@nanotechinnovation.ca](mailto:info@nanotechinnovation.ca)**