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November 1, 2013

Ashley Zottarelli
LVM Maritime Testing
97 Troop Ave
Dartmouth, NS
B3B 2A7

Sent Via Email: ashley.zottarelli@lvm.ca

Re: Canadian Immigration Museum at Pier 21 – Chemical Lead Paint Stripping

At your request we made a visit to the Canadian Immigration Museum located at Pier 21 in Halifax, Nova Scotia to determine if chemical stripping would effectively remove the lead paint from the steel structure of the building. The test was conducted from October 31, 2013 to November 1, 2013.

Procedure

Two sections of a black painted steel girder in the stairwell off the kitchen storage area were coated with *Smart Strip*. The *Smart Strip* was applied to the girder using a paint brush at approximately 10:00 am on October 31, 2013. The product applied to the girder including areas of flat steel and areas with bolts, was then allowed sit for approximately 24-hours prior to removal. At approximately 10:00 am on November 1, 2013, we a made a second trip to the museum to begin scraping the product off.

Results

Upon scraping the test section, approximately 90% of the lead paint was removed on the flat surfaces of the steel. On the test section with the bolts, approximately 50% - 75% of the lead paint was removed. Based on these results, multiple coats of the stripping agent will need to be applied to the steel, some areas will likely require at least three coats to remove all paint. Approximately 0.5 square feet of lead was scraped in 20 minutes. It is important to note that the test area conducted in the stairwell and the steel in the stairwell did not have the coat of gray paint present on the steel throughout the rest of the building, therefore, one should assume that the other areas of the building may require additional coats of the stripping agent.

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Please contact me if you have any questions. I can be reached at 860-2425 or 225-5007.

Regards,

A handwritten signature in black ink that reads "Ashley Strong-Deveau".

Ashley Strong-Deveau, B.Sc in Agr
Estimating