



US Army Corp of Engineers Release Nontoxic Chemical Stripper Report

Napier Environmental Technologies Inc. is pleased to report that the US Army Corp of Engineers has released to the public an in-depth report entitled Technology Demonstration of Nontoxic Chemical Stripper for Steel – Cost and Performance Report. The work, was performed by the internationally recognized group of consulting engineers, KTA-Tator Inc.

The Executive Summary of the report states that: “The environmental problem being addressed in this technology demonstration is the removal of lead-based paint (LBP) from steel structures without producing hazardous air pollutants (HAPS). The objective of the demonstration was to show the efficacy of reduced toxicity chemical strippers, also referred to as environmentally friendly or environmentally acceptable strippers. The expected benefits were to eliminate the use of caustic chemicals such as sodium hydroxide, and carcinogens such as methylene chloride; thus, the reduction of toxic waste streams. Other potential benefits include eliminating the need for containment while the LBP is being removed, and for the worker to wear respirators.

Environmentally acceptable (EA) chemical stripper technology was validated as part of a standard methodology for removing LBP on large steel structures owned by the Army, such as water tanks, aircraft hangers, bridges, antennas, ladders, poles, railings, and fuel storage tanks, leaving a surface suitable for repainting. In addition, this technology was demonstrated to meet environmental regulations and worker health and safety issues. Cost and performance data were collected and analyzed.

The results showed that the non-toxic chemical stripper Removall 210 (Napier Environmental Technologies Inc Delta, B.C., Canada, also marketed commercially as ICI Devoe Hydrostrip 502), is capable of performing equally to conventional toxic chemical strippers and removing LBP at a cost that is competitive with other paint removal techniques. The stripper is easy to apply and is effective at removing multiple layers in one application. It eliminates the use of methylene chloride and other HAPs in toxic chemical strippers, reducing the extent of worker protection required and eliminating potential hazardous wastes. Since their components are more than 90 percent volatile, these chemical strippers add very little to the waste stream.”

This powerful in-depth report has been made available as a training document and case study report on the companies training web-site at <http://chat.napiere.com> and click on “Cost and Performance report”.

Forward Looking Statements: This release and referenced materials contain forward looking statements that are subject to a number of known and unknown risks, uncertainties and other factors that may cause actual results to differ materially from those anticipated in our forward looking statements. Factors that could cause actual results to differ materially include: rapid technological and/or market changes in the industry; the ability to maintain and grow successful third party and customer relationships, to improve current products and develop new products, to adequately protect the company’s proprietary rights and other factors described in the company’s regulatory filings. Although we believe the expectations reflected in our forward looking statements are reasonable, individual results may vary, and we cannot guarantee future results, levels of activity, performance or achievements.

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nir02-22