

DISPOSAL PROGRAM FOR SPENT ABRASIVES

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A FULL SERVICE PROGRAM for DISPOSAL OF SPENT ABRASIVES FOR RE-USE IN THE MANUFACTURE OF CEMENT AND/OR THE PRODUCTION OF LEAD.

TARGET's program for removal of spent abrasives to Lafarge Canada Inc – Richmond BC Canada, or to Lafarge Corporation – Seattle WA, USA has been developed to meet the increased need to recycle or reprocess waste products rather than dumping those materials in landfills. The use of spent abrasives in the cement manufacturing process converts a waste material into a useful product, thus removing the potential risk that landfilled abrasive waste will become a future problem. Copies of correspondence verifying the acceptability of the disposal procedures are available if required (*Industrial Services Inc., September 16, 1996; Seattle-King County Department of Public Health, August 24, 1995; Washington Department of Ecology, May 11, 1995; Puget Sound Air Pollution Control Agency, November 15, 1995; Department of Ecology, July 24, 1992 and Order of Approval No. 6202 dated April 1, 1994*).

Our environmental consultant, Technology Resource Inc., has developed standards to enable us to meet the relevant regulatory requirements for sampling, testing and classifying spent abrasive blasting material. Materials meeting the criteria for acceptance by the cement plant when sampled and tested in accordance with the standards will then be collected and shipped as outlined below. In general, the only spent abrasives that will be unacceptable for shipping will be those containing more than 5 ppm of lead when tested by the TCLP leachate extraction procedure, or abrasives containing glass. Silica sand abrasives containing more than 5 ppm of lead can usually be handled under our program with Cominco Ltd. in Trail, B.C.

The procedures and fee for removal and disposal will depend on volume and location within B.C. Our customer's responsibility will be to provide assistance with sampling of the waste material prior to testing and classification, then to provide facilities and labour for the loading of accepted material into dump trucks or bin bags prior to shipment to Seattle WA, Richmond BC or to Trail BC. The bulk bags must be properly labeled describing what is in the bags plus a WHMIS is to accompany the bulk bags. When bin bags are used for shipments, it will be the responsibility of our customer to ensure that the weight limit specified on the bag manufacturer's label is not exceeded, and that damaged bags are not used. TARGET will arrange and prepay for shipment of the accepted spent abrasive to Seattle WA, Richmond BC or to Trail BC by dump trucks or in the bin bags in which the abrasive was originally received. For shipments in bin bags, TARGET will arrange and pay for the return of empty bags and pallets to our Burnaby plant after processing by Industrial Services Inc. on behalf of Lafarge Corporation. On receipt of the empty bags and pallets at our Burnaby plant, bag and pallet credits will be processed in accordance with our standard procedures. TARGET will provide our customer with all necessary documentation to confirm the weight of spent abrasive shipped to and accepted by Lafarge Corporation, Seattle WA c/o Industrial Services Inc., Lafarge Canada Inc, Richmond BC, and by Cominco Ltd., Trail BC.

Product performance is affected by many factors, including storage, method and conditions of application and use. User testing is ESSENTIAL to determine suitability of product for intended method of application and use. TARGET's SOLE WARRANTY is that the product has been manufactured to specifications. No oral or written information or advice shall increase this warranty or create new warranties. TARGET's SOLE LIABILITY is to replace product proved defective. In no event shall TARGET be liable for any consequential, indirect or other damages whether arising from negligence or otherwise.

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Target Products Ltd. offers this spent abrasive disposal service to provide a cost-effective method of reprocessing a waste material to provide a new, useful product and reduce the amount of material being placed in landfills.

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