

B-TEK fabricates side by side truck scale solution for Global Provider of Steel Mill services

A White paper illustrating B-TEK Scales, LLC ability to create custom scale solutions for various industries

May 2010

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B-TEK Scales, LLC. distributor, Alectronic Scales Inc of Ancaster, Ontario, coordinated the sale and installation of a dual truck scale solution. Because of Alectronic's knowledge and experience working with Measurement Canada and their established relationship and proximity to the facility, the entire project was completed on time and without complication. The end-user is the largest provider of outsourced services to steel mills in North America and one of the largest globally. Their need was for a scale that could weigh scrap metal via an 80-ton TEREX off-road dump



Figure 2 of US Steel Canada

truck. The end user contract their services to U.S. Steel Canada, a subsidiary of United States Steel Corporation. Alectronic worked hard to make sure that the specs were



Figure 1 of fabricating the scale



Figure 3 of painted scale section

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met by working closely with B-TEK. A B-TEK “Big Bertha” scale was used: 60’ long by 16’ wide with a 400,000 lb capacity and a 150,000lb CLC. The scale consists of two side-by-side platforms each 60’ long x 8’ wide.



Figure 4 of preparing for scale installation

The scale uses (16) 75K CPD-M Digital load cells and will be controlled by the D-800 Dialogik indicator.



Figure 5 of new scale ready to install



Figure 6 of new scale close up

B-TEK Scales has over 95 combined years of scale experience to offer in support of your weighing equipment needs. B-TEK is your first choice in scale solutions. For more information on this or other B-TEK projects, please contact us at 1-800-266-8900.



Figure 7 of new scale installed