

Mezzanine Case Study



Testing Firm Regains Lost Space

Canadian Standards Association International (CSA) was faced with a growing problem: they were growing too fast for the space they had. Almost every last inch of usable floor space had been taken up by test stands, product and other equipment. Looking for more space they looked above a steel enclosure - one that had previously been used for commercial fume hood testing - where there was a mezzanine.

This mezzanine posed some problems. It had been designed for the purpose of reconfiguring the HVAC equipment on the building below to facilitate the testing of the products, it wasn't designed for storage, and access was limited, as the only stairwell was a moveable safety stair ladder. Further, moving product to the top of the mezzanine posed a challenge. CSA's forklifts were nearly at the height of their reach when placing product at the top. This created quite a safety situation. Finally, the deck of the mezzanine was constructed of bar grate, making it hard to use a pallet jack once the product was delivered.

CSA called on Conveyer & Caster – Equipment for Industry to help. After reviewing the situation, three changes were recommended and completed to fix the situation:

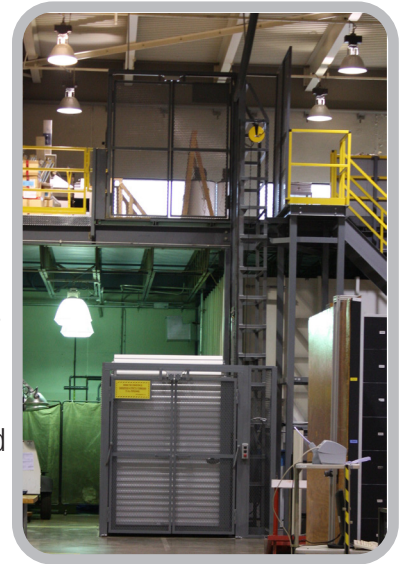
First, the decking was replaced. ResinDek was chosen for its wear resistance and strength. ResinDek is a resin based decking material that works is similar to plywood, but has a longer life and doesn't splinter.

Second, a Vertical Reciprocating Conveyor (VRC) from Giant Lift Manufacturing was installed. A VRC provides a means to vertically transport goods without the use of a forklift. The unit provided was manufactured complete with landing safety gates, roll-up style doors on the cab and a full 2,000 lb capacity.

Third, a permanent stair solution was needed. Conveyer & Caster – Equipment for Industry called on Erie Industrial Equipment for help in fabricating stairs. The stairs were fabricated in such a way that they provided the sway support for the VRC. This helped to minimize floor space loss.

According to Steve Hilton, Purchasing Manager at CSA, "Conveyer & Caster – Equipment for Industry helped us reclaim space that was lost to us for nearly twenty years. At every turn I was impressed by their professionalism and the level of service they provided."

When you are looking for more space, call the storage systems experts at Conveyer & Caster – Equipment for Industry.



Conveyer & Caster - Equipment for Industry

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