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For Immediate Release:

Manufacturer Uses 300-Foot Simplex AirBlock Curtain to Control Plant Dust

FONTANA, CA – Simplex Isolation Systems has helped Industrial Wire Products solve a 300-foot dust problem.

IWP manufactures various wire products in their 130,000 square foot plant in Rancho Cucamonga. Large amounts of dust from the manufacturing process were drifting into an adjacent staging area where finished product awaited shipping. The problem was compounded by the plant's location in an extremely windy area, spreading the dust around even more. Additional preparation was required before inventory was shipped out, and the thick layers of dust presented a safety issue for employees.

Simplex installed a 300-foot AirBlock industrial opaque vinyl curtain system, effectively isolating the 23,000 square feet of warehouse area set aside for shipping.

"This was a perfect solution for us," said Sean Letterman, plant manager at IWP. "We were concerned with installing a permanent wall system from both a safety and cost perspective. My experience is that with 15 forklifts, one of our operators is eventually going to run into a wall. This curtain system is much more forgiving."

"With this curtain system, I also anticipate fewer injuries to employees and less damage to forklifts," added Lutterman.

Simplex joined the panels with a feature they developed called LapLock. A plastic flap is RF welded to the opposing edge of each panel. The flaps then fold inside one another. The connection is reinforced with snaps down the length of the 23-foot seam from ceiling to floor.

The curtain wall is attached at the top with the Simplex Hooked Bead mounting system. The curtains are held fast at the bottom by battening them to a 1"x2" aluminum railing. Vinyl windows allowing employees a clear view from either side were RF welded into the curtain at key locations.

Built into the wall are three 16-foot high ArmorBond industrial strip doors for forklifts to pass through. Each door is 10.5 feet wide and features 12-inch strips with a 3-inch overlap.

“This AirBlock curtain system is a good solution,” concluded Lutterman. “We are real happy with it.”

Founded in 1979, Simplex Isolation Systems designs and manufactures custom cleanrooms, curtains and other isolation products that are modular and easily expandable. Simplex products are distributed in the U.S and Canada through a nationwide dealer network. To learn more about the complete line of cleanroom components and solutions from Simplex, call 1-800-854-7951, or visit the Simplex website at www.SimplexIsolationSystems.com.