



PROJECT SUMMARY:

UPM Raflatac

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Customer: UPM Raflatac
Contract Amount: \$3,700,00
Location: Dixon, IL

Mechanical moved full speed ahead in 2007 to complete work at UPM Raflatac in Dixon, IL. UPM Raflatac, a global leading supplier of pressure sensitive labelstock and manufacturer of RFID (radio frequency identification) tags and inlays, chose Dixon for the home of its new label factory. Headquartered in Finland, the growing company has factories and sales offices in five continents. With an estimated investment value of \$109 Million, the Dixon factory measures over 200,000 square feet.

Mechanical's portion of the project included process piping and pipe fabrication, a \$3.7 Million contract. Our team worked in conjunction with UPM's engineers to meet their specifications. Communication and scheduling were essential as only four months were allowed for completion.

Stainless steel process piping was installed in the factory with the largest pipe measuring four inches and a total pipe footage of 16,000 feet. The factory includes a large tank farm, an adhesive mixing area with diaphragm pumps to distribute adhesive to desirable areas, and a coater area which rolls the paper out and applies adhesive to create labels. Gas piping connected to dryers to dry adhesive, chilled water to cool, instrument air to valves and rollers, and hydraulics to control machine movements were also installed by our on-site crew.

Mechanical's Freeport Fab Shop was on top of the pipe fabrication. Work included silicone lines, tank drains, mill water, and steam and condensate pipe. Challenged by a heavy load and short time frame, the crew had to put in many long hours and remain focused. Bending pipe instead of welding was a big time saver.

Thanks to the outstanding efforts of Mechanical's crew, we succeeded in staying on schedule and getting the work done.