

1996 Governor's Award for Excellence in Pollution Prevention Recipients

BICC Cables Company in Marion received an award for the second straight year by converting to a lower-VOC solvent and reducing its use of toluene and an adhesive that contained xylene. BICC manufactures large industrial electrical cable and wire.

Crown International, Inc. in Elkhart replaced its **VOC-based painting system** with a powder coating system and replaced its 1,1,1-trichloroethane-based part cleaning system with a water-based system. Crown, a manufacturer and world-wide distributor of commercial audio products, industrial electronic equipment and radio broadcast equipment is a leader in P2, and shares its knowledge with other companies.

LTV Steel Company installed an evaporator and heat exchanger on its chemical treatment rinse storage tanks on one of its chrome lines. In 1995, LTV reduced chromic acid consumption by 58 percent and chromic acid waste disposal by 76 percent over 1993 numbers. LTV manufactures steel products for the automotive, electrical and consumer goods markets.

Madison Chemical Co., Inc. developed a substitute for cadmium that is a patented mixture of zinc and cobalt which exhibits far less toxicity and shows greater corrosion resistance than the cadmium-based compounds. Madison Chemical manufactures general industrial chemicals and specialty surface preparation chemicals for the plastics and metals industries.

Nachi Technology, Inc. replaced its 1,1,1- trichloroethane-based cleaning system with machines that use centrifugal force to remove contaminants from bearings. Nachi no longer has any 1,1,1- trichloroethane in its plant. Nachi manufactures precision ball bearings primarily for the automotive industry.

Nickell Moulding Company, Inc. converted from finishes that use nitrocellulose topcoats, thinner, toluene and other chemicals to water-based coatings for use on its line of wood products. Nickell Moulding manufactures custom wood moldings for use in furniture, cabinets, housing, and picture frames.

Reynolds Metals Company eliminated two basecoaters, two basecoat ovens, three inner coat ovens, and three inner coat spray lines in its **coating operation for aluminum cans**. Reynolds reduced VOC emissions by 67% in 1995. Reynolds Metals Company manufactures aluminum cans and ends for the beverage bottling industry.

United Technologies Electronic Controls (UTEK) developed a new silicone-based conformal coating to use on its circuit boards. This new conformal coating exhibits far less toxicity than the old solvent- based material, and is superior in quality. UTEK designs and assembles electronic controls for the heating, ventilation and air conditioning industry.

If you would like more information about this program, contact Bobbi Steiff at (800) 988-7901, ext. 35554 or (317) 233-5554.