



### Case Study: Spruce Hill Air Blending Natural Gas Facility

The Colorado Interstate Gas Company transports natural gas from fields in the Rocky Mountains and the Anadarko Basin to customers in the Rocky Mountains, Midwest, Southwest, Pacific Northwest, and California. All told, Colorado Interstate Gas has some 4,300 miles of pipeline that can carry more than 4.6 billion cu. ft. per day. It has 38 billion cu. ft. of storage capacity in facilities in Colorado and Kansas. They were looking for an economical yet durable floor coating solution for their Spruce Hill Air Blending Facility.

The 4,550 sq. ft. facility needed a tough system in the shop and processing areas that could withstand, the pallet jack traffic, dropped tools, and fluids commonly found in these types of environments. They turned to Mike Glover, Senior Construction manager at Petrochem Insulation and Milamar's Certified Installer, and he recommended the ICO-Floor Coating system. ICO-Floor Coating has excellent adhesion and chemical resistance to the oils, lubricants, and fuels. It is a tough, flexibilized epoxy with elongations of 11% and will not chip or crack as easily as more conventional, brittle epoxies.



The first step for installation was to shot blast and edge grind to remove any old coatings and prep the concrete. Once they had a clean sound substrate they applied the ICO Floor Coating with a squeegee and roller. Because of the equipment and piping in place there were a lot of tight areas to fit in to during both prep and application. The whole job was completed in three days from the start of prep to turning over the new floor to the customer.

To date the floor is holding up exceptionally well, with no sign of wear and tear. The customer has been extremely pleased with the toughness and durability of the system and it has exceeded their expectations.