

APPLICATION SPOTLIGHT

Firetrace System Protects CNC Grinding Machines From Fire



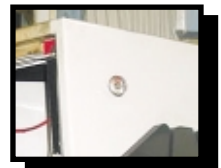
CNC grinding machines such as the one on the left are responsible for creating numerous cutting tools made of metal. They produce such items as drill bits and router bits which are used by both consumers and industry alike. These machines are loaded by an operator with raw, cylindrical stock. Then, the preprogrammed machine precisely grinds the stock to create the quality end product. During the grinding process, lubricants are used to cool the cutting head. As with any oil-based lubricant, the potential for fire exists. With price tags well above \$200,000, protecting these valuable assets from fire is of paramount importance.



Recently, a Firetrace distributor in the Midwest installed a Firetrace Direct Low-Pressure (DLP) system for a company that operates several ANCA TGX¹ CNC grinding machines (see middle left). The system utilizes FM-200[®] as its fire suppression agent. As the scenario above described, Firetrace is being used to protect the enclosed grinding area from potential fire damage. The Firetrace DLP system offers quick detection response to a fire condition plus direct extinguishment (see lower left). In addition to the standard system, a pressure switch (see upper right) was added to cut power to the machine upon system activation. An additional pressure gauge was also added to the outside of the machine to allow regular monitoring of the Firetrace system pressure (see lower right). The customer plans to add Firetrace systems to all of their machines.



Remember, with a little investigating and explanation, your existing and future customers will see the many applications and benefits provided by a cost-effective Firetrace system.



FIRETRACE

AUTOMATIC FIRE SUPPRESSION SYSTEMS

7898 E. Acoma Drive, Suite 106, Scottsdale, AZ 85260 Toll-Free (866) 607-1218 www.firetrace.com

¹ The ANCA Corporation does not specifically endorse Firetrace. Their equipment is sold through independent dealers.