

# AREPA

## CNC MACHINE FIRE CONTAMINATION

### Case Study

## Incident

On a Saturday afternoon, a CNC machine caught fire causing smoke damage throughout the production area of a facility. The fire department successfully extinguished the fire, but now the machines also were contaminated with water. By Monday afternoon, AREPA was on site inspecting the equipment. By Wednesday morning, the AREPA team and all necessary equipment were on site setting up.

## Challenges & Logistics

With the need to get the production area of the facility back up and running as soon as possible, AREPA was tasked to perform equipment restoration as replacement would not only have resulted in significant downtime, it would have been costly (estimates ranging from \$500K to \$1.5M). The unit where the fire originated was considered a total loss while the other eight machines that were affected by smoke and/or water were eligible for restoration.

## Outcome

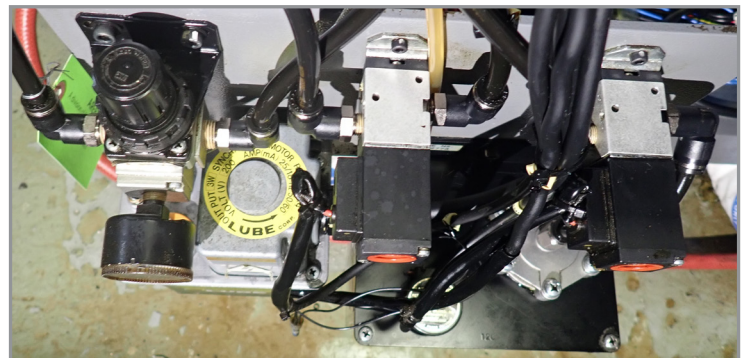
AREPA completed all technical recovery efforts within nine days since the loss occurred. At that time, all the machines except for the source of the fire were fully operational.

## Highlights

- A CNC machine caught fire causing smoke damage throughout the production area of the facility.
- The fire department successfully extinguished the fire, however this caused the machines to also endure water contamination.
- With the need to get the production area of the facility back up and running as soon as possible, AREPA was tasked to perform equipment restoration.
- The unit where the fire originated was considered a total loss while the other eight machines that were affected by smoke and/or water were eligible for restoration.
- AREPA completed all technical recovery efforts within nine days since the loss occurred. At that time, all the machines except for the source of the fire were fully operational.



▲ Swiss CNC Lathes Before Decontamination



▲ Swiss CNC Lathes After Decontamination