



## OIL MIST COLLECTION FROM MACHINING APPLICATION

Oil Mist extraction and filtration from machining applications are highly important for;

- Surface quality of final products
- Indoor air quality
- Health & Safety of workers
- Environment

During CNC Machining, oil, emulsions or water is generally using to lubricate or cool the metals. Because of high temperature on contact surface between the mill and metal, those liquids evaporate. This evaporated vapor generally called as oil mist and need to be extracted and filtered to keep machine parts clean.

## WHY DO YOU NEED OIL MIST FILTER FOR MACHINING APPLICATIONS?

Mist is defined as liquid droplets smaller than 20 microns. Those droplets are generally generated from CNC Machines in Foundries. The main purpose of oil mist collection and filtration is to provide safer and healthier working environment. However the benefits of oil mist collection is not limited to safety concerns.

Oil mist can damage inner parts of your CNC Machines due to its chemical structure. In other words, if you install oil mist collectors for your CNC Machines, you will encounter less downtimes and maintenance problems. That's why most of the modern machining shops equip their CNC Machines with oil mist collectors.