

## Heavy Welding Smoke Exhaust

Heavy weld smoke is the by-product of welding on material that has a thin film of lubricant. These lubricants can be shipping film oils, roll mill cooling or stamping lubricants, and rust inhibitors to name a few. The lubricant in the weld smoke sticks to hoods, duct fans and stacks, causing a potential for fire from ensuing weld sparks.

There are solutions available for dust collection systems such as pre-filtering, spark arresting or spark detection systems

It is also important that preventative maintenance plans be in place. Each duct system should have access doors for inspection and scheduled maintenance.

East Muskegon Roofing and Sheet Metal has worked with many roll form and stamping industries in Michigan to put together effective systems tailored to specific circumstances.