

# > CASE STUDY

## PCH-2 - WELDING SMOKE - MIURA BOILER

#### THE LOCAL EXHAUST & VENTILATION COMPANY®







#### APPLICATION

**Miura Boiler** was founded in Japan in 1927 and has grown to be one of the largest boiler manufacturers in the world. They needed a removal solution for the welding smoke (constant airflow) that would meet the following criteria:

- Efficient filtration
- · Adequate airflow & filter cleaning system
- · Easy to use
- Good flexibility

### SOLUTION

Source Capture: - The smoke captured at source by using E-Z extraction arm.

**Convey/Transport of dust:** - Captured smoke is transported through the extraction arm to the collector with high velocity.

**Filtering:** - The smoke is filtered in the collector and the clean air is blown back in the shop.

Filter cleaning system: - By using it, filters are kept clean and the airflow is constant and steady.

#### DESCRIPTION

Three (3) PCH-2 1200 CFM portable cartridge collector

### **INDUSTRY**

**Boiler Manufacturing** 

## TESTIMONIAL

"We needed a solution to remove the welding smoke generated in our shop. LEV-CO delivered a highly efficient removal and filtering solution that meets our needs entirely. The system is working well and our employees are very content with it."

#### Phil WATSON.

Production Manager, Miura Boiler Co. Ltd.,Brantford

