

Metal industry

Project description

There are several welding locations and grinding locations in the metalworking hall. Source reduction measures are used as point suction at the welding and grinding locations to minimize the fine dust emission. Despite these measures, the background concentration of fine dust in the working environment increases to an unhealthy concentration.



Application

4 PMX systems have been installed on the ceiling in the metal working site to improve air quality throughout the hall.

Results

Measurements were carried out by a third independent measurement body (JANTRIL B.V.). 50% of the fine dust concentration was reduced.