

# MOTION

## LEAD DUST REMOVAL

RUWAC develop system to extract fine lead particle from ambient air for shooting ranges.

### AT A GLANCE

- Worked with client to create solution for their specific problem
- Extraction of fine lead particles from ambient air
- System removes dust directly at source

### ISSUE

Working with military and sports sector shooting testing, high quantities are tested each day. As the bullets crash into a hard background behind the target, bullets deform and fine particles of lead exhaust into the ambient air.



### SOLUTION

In this case a special construction made of steel ("bullet catcher") with a connection ( $\varnothing 150\text{mm}$ ) for the extraction has been installed.

Behind it (protected by a wall) is a dust extractor in dust class H in order to extract the harmful lead and lead oxide dust.

In order to ensure the extraction for two shooting lanes ( $2 \times \varnothing 150\text{mm}$ ) one art. 51064 DS65600 H is in use.



**RUWAC**  
Industriesauger