

Supplementary Material

1 Supplementary Data

The diary including work tasks used in the study is displayed in the following pages. The diary has been translated from Swedish to English.

(Fill out once per participant)

Name: _____

Employer/workplace: _____

Study ID (filled out by researcher): _____

Car

Model of car	
Last cleaning of car	

Smoking?

Yes ☐

No ☐

(Fill out once per participant)

Time points

Week 1 Fill out your working hours for the measurement days (time point for starting and ending the measurement with the device)

	Date	Start (time)	Handling filter in vacuum cleaner (time)	Stop (time)
Measurement day 1				
Measurement day 2				
Measurement day 3				
Measurement day 4				

Week 2 Fill out your working hours for the measurement days (time point for starting and ending the measurement with the device)

	Date	Start (time)	Handling filter in vacuum cleaner (time)	Stop (time)
Measurement day 1				
Measurement day 2				
Measurement day 3				
Measurement day 4				

(Fill out for each sweeping task)

Date

Time point when the task

Initiated

Finished

1. Type of assignment

<input type="checkbox"/>	Black sweeping
<input type="checkbox"/>	Fire safety inspection / Ventilation control / cleaning of ventilation
<input type="checkbox"/>	Commercial kitchen / Restaurant

Other: _____

2. Type of object

<input type="checkbox"/>	Resident building
<input type="checkbox"/>	Central boiler
<input type="checkbox"/>	Industry

3. Sweeping technique

Traditional ☐

Rotating rod ☐

4. Fuel

<input type="checkbox"/>	Oil
<input type="checkbox"/>	Wood
<input type="checkbox"/>	Pellets
<input type="checkbox"/>	Inside wood fireplace

Other: _____

5. Personal protective equipment

<input type="checkbox"/>	Respiratory protection mask
<input type="checkbox"/>	Gloves
<input type="checkbox"/>	Protective clothes (long sleeves and legs on pants?)
<input type="checkbox"/>	Vacuum cleaner for soot

Filter type: _____