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Michael Buchet
Office of Construction Services
Directorate of Construction
USDOL-Occupational Safety and Health Administration
200 Constitution Ave., NW, Rm N3468
Washington, DC 20210

Dear Mr. Buchet:

I was asked to perform air monitoring to evaluate the effectiveness of the Demo Air Net. I was amazed at the results. The Demo Air Net system significantly reduced the dust levels in the testing area. The Demo Air Net is unique in that it can be attached to any fan exhaust and capture particulates down to 5 microns in size.

Another feature of the Demo Air Net relates to the dust collection system. Instead of the dust collecting on the surface of the Demo Air Net and ultimately reducing the fan efficiency, the material forms a ball inside the bag providing an obvious indicator of when the bag should be emptied.

A fan equipped with the Demo Air Net can be positioned anywhere to reduce employee exposure. In a situation where employees cut concrete, the fan can be placed so that it pulls the concrete dust (including silica) away from the employee's breathing zone. The resulting dust is captured in the Demo Air Net, reducing the amount of dust in the work area and the amount of dust that will settle out.

Fine dust can be a real issue when employees are sanding dry wall. A fan equipped with the Demo Air Net can be positioned below the employee with the intake angled up toward the employee. This configuration will pull the dust down and away from the employee's breathing zone into the Demo Air Net.

When portable ductwork is necessary, the Demo Air Net can be attached to the exhaust fan used with the portable ductwork to capture particulates instead of releasing them into the surrounding work area. This includes ventilators used to control dust levels in confined spaces such as storm drains and sewers during operations that require employees to cut or grind on concrete pipe.

The applications of this product are endless. This product can have a huge impact on employee exposures to silica and other particulates in the construction industry and may reduce the occurrence of lung cancer, silicosis and other health problems associated with the inhalation of particulates

Jill Warren
Industrial Hygiene Consultant
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