

## Case Story

### Problem:

Michigan Prosthetics, Lansing, Michigan have been using a customer Nederman Filterbox since 1992 to reduce their airborne particulates. The system was installed with a “T” fitting to accommodate two 7 ft. Nederman Original Arms for 2 grinding stations, thus leaving space for more grinding stations. In 1995 Michigan Prosthetics added a third and fourth grinding station. Once again they contacted us to solve their dust control problem. The very small, poorly ventilated and noisy room needed to accommodate a total of 4 grinding stations each with their own extraction system.

### Solution:

Nederman, Inc. installed another Filterbox with a “T” fitting to accommodate two more 7 ft. Original Arms. The system was wall mounted to save space and the “T” fitting allowed the Nederman Original 7 ft. arms to reach each station without having to install two new systems. Both stations can be used together, but for optimal performance the standard damper in the Nederman Original is closed when not in use. To reduce noise, ventilate the room and meet the space requirements Nederman, Inc. installed an exhaust fan in an adjoining room.

### Result:

Meeting their space requirements was a challenge but Michigan Prosthetics now has room with 4 grinding station, each with it's own extraction hood. Nederman Inc. reduced the noise, improved the ventilation and provided more work space. The satisfied client has never had to replace the filter and has only required one complete cleaning of the system.

