

Case Story

Problem:

The City of Minneapolis is the largest city in Minnesota and the center of finance, industry, trade and transportation for the Upper Midwest. The city's area is 59 square miles (153 square kilometers), including five square miles (13 square kilometers) of inland water. Their Lands and Buildings Department performs maintenance on all city facilities. This requires employees to weld, grind and sand various materials in a large work area. The maintenance room needed a solution to extract fumes. It had to be out of the way when large vehicles moved into the area.



Solution:

Nederman, Inc. installed (3) 7 ft. Pivoting Boom Arms with 14 ft. vertical fume extractors. Each system was installed with its own fan. Each system has a reach of 21 ft.

Result:

Installing the 14 ft. Fume Extractors with Boom Arms fulfilled the space requirements so the systems could fold against the wall when necessary. When fully extended the (3) fume extraction systems also reached the entire maintenance room and work to extract welding fumes wherever workers needed. The City of Minneapolis was very satisfied with Nederman Inc. and asked us to work on another installation in the same building.

