

## NOVAIR 1000 PORTABLE AIR FILTRATION CASE STUDY



A 12" FLEXIBLE EXHAUST DUCT WAS PLACED ONTO THE 12" INTAKE FLANGE OF THE NOVAIR 1000 PORTABLE AIR FILTRATION.



THE END OF THE 12" FLEXIBLE EXHAUST DUCT WAS PLACED INTO AN ENCLOSED 640-CU FT ROOM.



A 3 MINUTE SMOKE EMITTER WAS PLACED INTO THE ROOM AND LIT.



THE ROOM WAS ALLOWED TO FILL WITH SMOKE.



THE NOVAIR 1000 PORTABLE AIR FILTRATION WAS THEN ACTIVATED TO CLEAN THE ROOM OF SMOKE. THIS WAS A TIMED MANEUVER. AT 2.5 MINUTES, THE ROOM WAS CONSIDERED "CLEAN".



NEXT, A CHARCOAL ACTIVATED FILTER WAS PLACED INTO THE NOVAIR 1000 PORTABLE AIR FILTRATION AND A TUB WAS SPRAYED TO MEASURE THE AMOUNT OF SOLVENT ODOR EMITTED FROM THE EXHAUST END OF THE SCRUBBER.



THE ODOR THAT WAS EMITTED WAS A **VERY SLIGHT** CHEMICAL ODOR. A MESH FILTER WAS PLACED ONTO THE END OF THE EXHAUST TO CHECK FOR THE EMISSION OF PARTICULATES. NONE WERE EMITTED. IN MY OPINION, A DOUBLE-UP ON THE CHARCOAL ACTIVATED FILTER WILL ELIMINATE THE TRACE ODOR.

THE NOVAIR 1000 PORTABLE AIR FILTRATION WILL BE USEFUL ON REFINISHING JOBS SUCH AS HOTEL/MOTEL ROOMS WHERE THERE IS NO WINDOW TO VENTILATE OUT OF. IT WILL CUT DOWN ON ODOR AND OVERSPRAY WHICH IS A MAJOR LIABILITY CONCERN. WITH THE NOVAIR 1000 PORTABLE AIR FILTRATION , YOU CAN BE ONE UP ON THE COMPETITION BY OFFERING A BETTER AND SAFER REFINISHING OPTION.