

CASE STUDY
SERVICES & RESCUE

DATE: APRIL, 2009
PROJECT: INSTALLATION OF 40 STORIES OF CONDUIT
LOCATION: VENTILATION SHAFT IN HIGHRISE TOWER
DOWNTOWN VANCOUVER, BC

Anyone interested in hanging inside a 400 foot, 8' x 12' ventilation shaft in complete darkness? Put aside the physical dimensions and constraints of safety gear and factor into the equation the only light is coming from the headlamp mounted on your helmet!

Canpro went to work on installing 40 stories of conduit into a ventilation shaft of a highrise building. This conduit will contain wires for a new emergency power generator the facility had installed as well as other electrical cables.

The first four days were spent installing channel onto the concrete walls of the air shaft. Every 8 feet from the top of the shaft, to the bottom, to which we would mount electrical conduit. We then installed three runs of 3" metal conduit and one 1.5" run of conduit from the bottom to the top of the air shaft. After the new cable was pulled through the conduit, the team was brought back on two separate occasions to finish the installation of the cabling and conduit.

Work at these heights goes beyond the WorkSafe BC limits of 300' and requires special prior permission, inspections, equipment and trained personnel. Canpro skilled personnel provide the expertise to not only perform the work, but the rescue abilities also.

