

RNK Environmental, Inc.
Summary of Independent Testing Program
of the Xcaper Moist Filters

Carbon Monoxide Test (CO)

Filter Type	Flow Rate //m	Dose (ppm)	% Filtration	Length of Test
Xcaper Professional	40	54.5	95.1	4 hours
Xcaper Professional - Easy Breathe	40	54.5	94.1	4 hours
Xcaper Professional	40	1200	97.3056	30 minutes
Xcaper Professional - Easy Breathe	40	1200	95.3278	30 minutes
Xcaper Smoke Mask	40	1200	94.4	30 minutes
Xcaper Professional	40	55	100	30 minutes
Xcaper Professional - Easy Breathe	40	55	100	1 30 minutes
Xcaper Smoke Mask	40	55	100	38 minutes
Xcaper Smoke Mask	40	55	94.7	48 minutes

(1) represents the average of 5 tests

Particulate Test

Filter Type	Flow Rate //m	Dose (ppm)	% Filtration	Length of Test
Xcaper Professional	40	30,000 #/cm3*	100	30 minutes
Xcaper Professional	40	30,000 #/cm3*	100	4 hours
Xcaper Professional - Easy Breathe	40	30,000 #/cm3*	100	30 minutes
Xcaper Smoke Mask	40	30,000 #/cm3*	100	30 minutes

* Particulate size filtered is 3/10 of one micron (.3 um)

Acrolein Test

Filter Type	Flow Rate //m	Dose (ppm)	% Filtration	Length of Test
Xcaper Professional	40	1.0	99.475	4 hours
Xcaper Professional - Easy Breathe	40	1.0	100	4 hours
Xcaper Smoke Mask	40	1.0	100	1 30 minutes

(1) represents the average of 3 tests

Hydrogen Cyanide Test (HCN)

Filter Type	Flow Rate //m	Dose (ppm)	% Filtration	Length of Test
Xcaper Professional	40	20.0	100	1 30,30,35 minutes
Xcaper Professional - Easy Breathe	40	20.0	100	1 30,30,37 minutes
Xcaper Smoke Mask	40	20.0	100	1 30,30,30 minutes

(1) represents the average of 3 tests

Nitrogen Dioxide Test (NO2)

Filter Type	Flow Rate //m	Dose (ppm)	% Filtration	Length of Test
Xcaper Professional	40	64.8	96.74	1 30 minutes
Xcaper Professional - Easy Breathe	40	64.8	96.77	1 30 minutes
Xcaper Smoke Mask	40	64.8	96.77	1 30 minutes

(1) Filtration % is the average of 3 tests

Nitrogen Monoxide Test (NO)

Filter Type	Flow Rate //m	Dose (ppm)	% Filtration	Length of Test
Xcaper Professional	40	62.5	99.96	1 30 minutes
Xcaper Professional - Easy Breathe	40	62.5	99.300	1 30 minutes
Xcaper Smoke Mask	40	62.5	96.460	1 30 minutes

(1) Filtration % is the average of 3 tests

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