

- :

## ASHRAE 110

:  
fgolbabaei@sina.tums.ac.ir:

/ / : // :

SF6 ( )

( )

ASHRAE 110-95

% / ( fpm)

.( $p= /$  )

( % / )

(% / )

(% / )

.( $p= /$  )

% / ( / ppm) ASHRAE 110

( )

:

Airflow

: (

TA5

11.3.2008

(ASHRAE )

.( Hitching and Mapin 1998)

ft<sup>2</sup> ( mm × mm)

.(Mamie et al. 1999)

.( Hitching and Maupin 1997)

: (

kpa ( psi )

ASHRAE110

( ) ( mm)  
 ± ( ± mm)  
 ± ( ± mm)

/ ppm )  
 ) ( )  
 ( ) (p = / ) ( )  
 ( )

SF6

MIRAN 1BX

FOXBORO

% / fpm / - ppm  
 % / (p = / ) ASHRAE 110

T-test

ASHRAE 110 / ppm  
 (p = / )  
 ( ) % /

: (

fpm

( ) (p = / )  
 ( fpm) % /  
 ( / ppm)

Hitching Smith : (

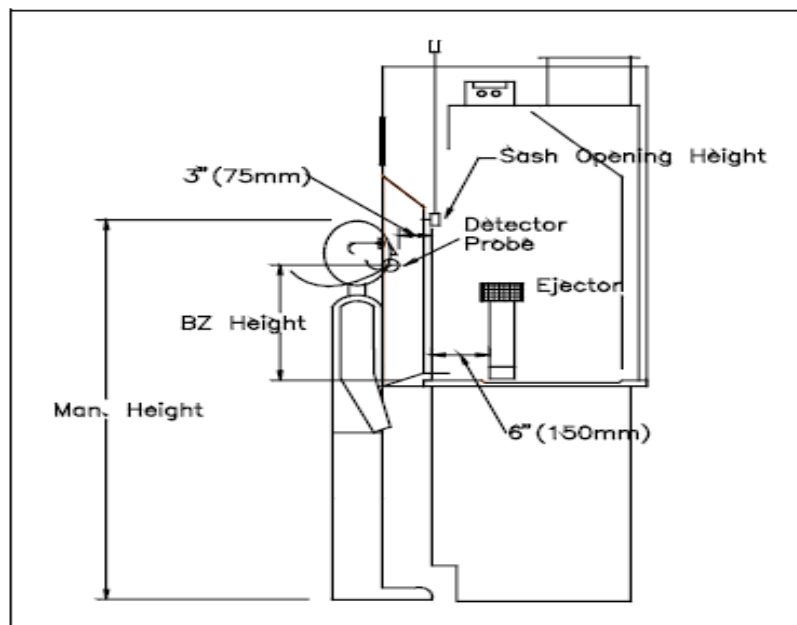
Smith 1999; )

( Hitching and Maupin 1997

Hitching

.(Fahim 2006)

.(Pamela et al.1999)



/...

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80 fpm			(fpm)		
t	df	p			
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