

## Appendix B

### **Survivair Respirator Cartridge Service Life Estimate**

#### **Employee Information**

Date:	Joe Respirator
Employee Number:	000-00-0000
Job Title/Job Description:	Respirator Wearer
Employer:	University
Employer Location/Address:	Campus
Comments:	Survivair Blue 1 Half Mask

#### **Estimated Cartridge Service Life**

Survivair Cartridge Model:	7853
Estimated Service Life:	8.51 Hours
	510.67 Minutes

#### **Contaminant Information**

Contaminant Name:	Acetic acid
Contaminant CAS Number:	64-19-7
Permissible Exposure Limits:	Exposure Limit (PEL, TLV, WEEL): 10.0000 ppm
	STEL (OSHA, TLV): 15.0000 ppm
	Ceiling (OSHA, TLV): 0.0000 ppm
	IDLH: 50.0000 ppm

#### **Work Site Parameters**

Contaminant Concentration:	5.0000 ppm
Temperature:	23.9 C
Relative Humidity:	66% to 80%
Work Rate:	Moderate - continuous movement (50 lpm)
Safety Factor:	%

#### **Warnings and Limitations of Liability**

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