

## APPENDIX E EYE AND FACE PROTECTIVE DEVICES

EYE AND FACE PROTECTIVE DEVICES				
The illustrations shown are only representative of protective devices commonly available at this time. Protective devices do not need to take the forms shown, but must meet the requirements of this standard.				
A. Spectacle, No sideshield  	B. Spectacle, Half sideshield  	C. Spectacle, Full Sideshield  	D. Spectacle, Detachable Sideshield  	E. Spectacle, Non- Removable Lens  
F. Spectacle, Lift Front  	G. Cover Goggle, No Ventilation  	H. Cover Goggle, Indirect Ventilation  	I. Cover Goggle, Direct Ventilation  	J. Cup Goggle, Direct Ventilation  
K. Cup Goggle, Indirect Ventilation  	L. Spectacle, Headband Temple  	M. Cover Welding Goggle, Indirect Ventilation  	N. Faceshield  	O. Welding Helmet, hand Hold  
P. Welding Helmet, Stationary Window  	Q. Welding Helmet, Lift Front  	R. Respirator  		
S. Respirator  	T1. Respirator  		T2. Respirator  	U. Respirator  
<p>(1) Care shall be taken to recognize the possibility of multiple and simultaneous exposure to a variety of hazards. Adequate protection against the highest level of each of the hazards must be provided.</p>				
<p>(2) Operations involving heat may also involve optical radiation. Protection from both hazards shall be provided.</p>				
<p>(3) Faceshields shall only be worn over primary eye protection.</p>				
<p>(4) Filter lenses shall meet the requirements for shade designations in General Industry Safety Standard Part 33 "Personal Protective Equipment," Table 1.</p>				
<p>(5) Persons whose vision requires the use of prescription lenses shall wear either protective devices fitted with prescription lenses or protective devices designed to be worn over regular prescription eyewear.</p>				
<p>(6) Wearers of contact lenses shall also be required to wear appropriate covering eye and face protection devices in a hazardous environment. It should be recognized that dusty and/or chemical environments may represent an additional hazard to contact lens wearers.</p>				
<p>(7) Caution should be exercised in the use of metal frame protection devices in electrical hazard areas.</p>				
<p>(8) Refer to Section 6.5 "Special Purpose Lenses" in ANSI Z-87.1 2003 edition, as adopted in R 408.13301a.</p>				
<p>(9) Welding helmets or handshields shall be used only over primary eye protection.</p>				
<p>(10) Non-sideshield spectacles are available for frontal protection only.</p>				