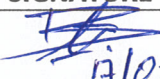
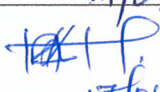


FACE SHIELD SPECIFICATION

PARAMETER	REQUIREMENTS	BIDDER'S RESPONSE
SCOPE	This specification is for Face Shield for use in electrical environment to provide protection against electrical shock, arc resistance and protection against ejected molten metal.	
REFERENCES	ANSI Z87.1-2020, ANSI Z358.1, ASTM F2178	
ARC RATING	ATPV = 6 Cal/cm ²	
OPTICAL QUALITY	<ol style="list-style-type: none"> 1) Face shield shall be non-disposable full shield, made of clear flexible material designed to come out of gasket for cleaning. 2) To provide user with the best vision possible and help to better focus on their task 3) Face shield to have passed:- <ol style="list-style-type: none"> i. Spherical power ii. Prismatic refractive power iii. Light diffusion. 4) Face shield to provide the user with protection against UV and IR 	
Impact resistance	<ol style="list-style-type: none"> 1) Face shield to have highest mechanical strength to withstand high-speed particle impact travelling at a speed of 190 m/s <ol style="list-style-type: none"> i) -Frontal Impact Resistance ii) -Lateral Impact Resistance 	
OTHER PROPERTIES	<ol style="list-style-type: none"> 1) Should have provision to allow for mounting on a safety helmet. 2) Should allow unrestricted functioning of any other required PPE. 	

	NAME	DESIGNATION	DEPARTMENT	SIGNATURE
PREPARED BY	PETER WAWERU	LECTURER I 88/	DISTRIBUTION NETWORK	 17/04/2024.
APPROVED BY	RAPHAEL NDOLO	MANAGER- DISTRIBUTION NETWORK	DISTRIBUTION NETWORK	 17/04/2024