

April 28th, 2023

Ibrahim Jilani
Global Director & Industry Leader of Consumer Technology

UL Solutions
333 Pfingsten Road
Northbrook, Illinois 60062

Dear Ibrahim,

I am writing on behalf of Immerse Global Summit & the VR/AR Association (VRARA) in support of ANSI/CAN/UL 8400 1st edition published on April 28th, 2023, the Standard for Safety for Virtual Reality, Augmented Reality and Mixed Reality Technology Equipment to increase public safety of all VR/AR Association members as well as help manufacturers mitigate the unique safety risks associated with AR/VR/MR head-mounted electrical equipment.

Advances in 5G and Wi-Fi 6 technologies combined with more affordable and compact devices are driving rapid innovation and adoption of AR/VR/MR technology. However, there are safety hazards related to the use of an AR/VR/MR headset that need to be addressed. Particular aspects addressed by this standard include the means to reduce, as far as practicable, the effects of visually induced motion sickness, visual opacity (luminous transmittance, spectral transmittance, and relative visual attenuation quotient), flicker, skin compatibility, heat exposure to the eye, biomechanical stress, mechanical robustness, and optical occlusion to some extent (enhanced spatial perception).

The VR/AR Association recognizes UL Solutions as an organization whose mission is working for a safer world, and a global leader in safety, security, and sustainability. Several VR/AR Association members participated in the UL 8400 standard development, the world's first safety standard dedicated to VR/AR/MR equipment. **Both Immerse Global Summit & VRARA want our members to have greatly reduced risk from injury from safety hazards related to VR/AR/MR equipment and support that all VR/AR/MR equipment demonstrate 3rd party certification by an OSHA National Recognized Testing Laboratory to UL 8400 and be certified 1 year after date of publication noted above.**

We look forward to working with UL Solutions in advocating for safety that will help to advance the VR/AR/MR technology in a transparent way that the public, stakeholders & regulators can trust.

Sincerely,



Nathan Pettyjohn
Founder & President
Immerse Global Summit & VRARA
Palo Alto, CA



Kris Kolo
Executive Director
Immerse Global Summit & VRARA
Palo Alto, CA