



Fog-Free Vision in Their Most Challenging Environment

In the food processing industry, a worker's movement into and out of refrigerated areas, as well as changes in body temperature while working, may cause lenses to fog. When temperature changes disrupt a worker's ability to see through his or her lenses, the natural instinct is to remove the glasses to clean them.

The Problem

The safety manager of a food processing manufacturer, experienced problems of compliance with his staff when it came to wearing their safety eyewear. „Unfortunately, we found out that most anti-fog coatings on the market rub off after several cleanings or fog up after only a few seconds.” Workers had to stop continually, take their glasses off to wipe the fogged lenses, or were taking them off indefinitely so they wouldn't have to deal with the fogging; leaving them exposed to a variety of hazards.

The safety manager heard about the uvex product trial program, so he invited an uvex specialist to talk through some possible solutions.

The Trial + Solution

During the first meeting they established the issues and asses the existing eyewear solution.

There are several points you have to cover from a health and safety and wearability point of view,” observes the Safety Manager, “including safety, vanity, look and personal comfort. Style and look are important to get people to want to wear them”. He also looked for durability, few or no moving parts, flexibility and robustness.

The uvex safety specialist recommended to test the pheos cx2 with the uvex supravision THS coating.

Uvex supravision THS coated lenses have advanced anti-fog performance (at least 30 seconds) on both sides. The anti-fogging properties are permanent, even after repeated cleaning. Dual-coated lenses are ideal for constant movement between areas of different temperature and humidity.

The Outcome and Feedback

Safety of the workers has improved and now complies with the requirements of the companies safety compliance regulations. Productivity has increased due to workers increase visibility and ability to continue with tasks without stopping or creating unnecessary risk with fogged lenses. Workers have also noted an increase in comfort with the uvex pheos system which has lead to optimal user experience.

After the trial was completed, uvex returned to the food processing manufacturer to help fully implement uvex safety eyewear.

They spent time educating the team on how uvex eyewear technology works and how to properly fit test the eyewear. The site has also introduced uvex lens cleaning solutions on site, prolonging the life of safety glasses through proper care.



uvex pheos cx2
Sleek, modern style wicht maximum protection and comfort



uvex supravision THS coating has been specifically engineered to meet the unique conditions of the local environment. It is the only lens on the market that incorporates a hydrophobic coating overlaid onto a permanent hydrophilic coating to ensure prolonged anti-fog performance

For more information call 1800 815 790 or email marketingau@uvex.com.au