

Health, Safety and Environment

Lessons Learned

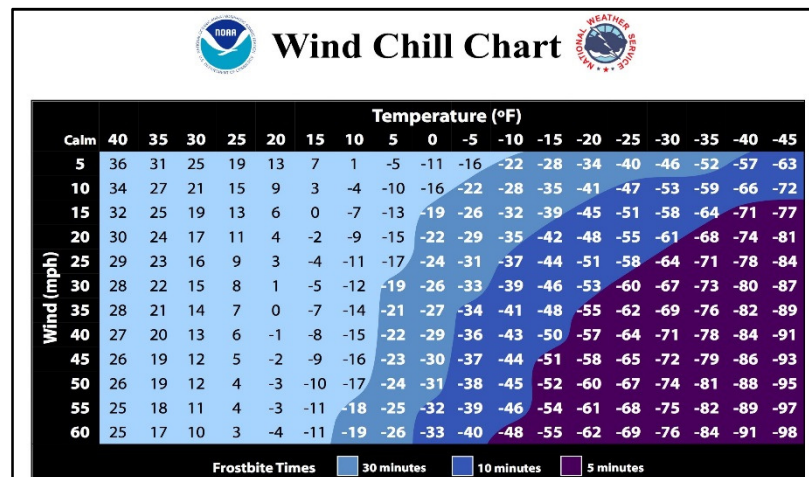
November 2017, NG-

LL-17-11

Removal of PPE – Results in Frostbite

Subject: Employee overexposed to the cold – Causes blistering on cheeks

Situation: While working outside at a remote Arctic location, an employee noticed their goggles were fogging up. The employee removed the goggles and continued work. After returning to an indoor facility, it was evident frostbite had occurred.



- Lessons Learned:**
- Always assess the weather prior to any outdoor tasking, and based on the assessment, consider if it is necessary to proceed
 - Check and update PPE periodically, to ensure it is fit for purpose
 - Do not remove PPE without carefully considering all potential risk
 - When working in extreme cold temperatures, where possible work in pairs and assess each other for signs of frostbite frequently (skin getting numb, hard and/or pale). If identified, stop work and find a warm location immediately
 - Workers are not usually aware that frostbite is taking place, the skin becomes numb, the person will likely feel like they are doing ok

Recommendation Share this document. Encourage discussion around frostbite and prevention

Submitted by: Brent Elder (CPS HSE Manager)

Date submitted: 11/27/2017

Lessons Learned are for CH2M, CH2M Client, and CH2M Subcontractor use to assist in incident prevention and continuous improvement in HSE performance. Reference to specific organizations, projects, and individuals should be avoided to respect confidentiality and privacy.

Target Zero. Make a difference

