Context:
A serious eye injury can change your life forever.

We have more injuries to eyes every PMP than to any other body part.
The good news is, eye injuries have steadily declined over the last few years.

Let’s keep that trend going!

Preventing Eye Injuries:
- Plan and organize the work to eliminate hazards – protect your eyes from:
  - Acid or other hazardous liquids
  - Sparks and hot particles from grinding or sandblasting
  - Airborne dust
  - Welding flash
  - Projectiles
  - Other hazards
- Select the right PPE for the best protection:
  - Full-face respirators
  - Face-shields
  - Goggles
  - Smoggles
  - Safety glasses
  - Welding shields / Burning goggles
- Make sure your safety glasses fit properly:
  - There should only be a small gap between your face and the glasses, to keep dust and particles out.

- If the glasses fit too tightly, they will fog up.
- A gap of about 10mm is ideal.
- Wear the PPE that’s provided.
- Talk to your Supervisor if your eye protection isn’t suitable for the task you’re doing, or it doesn’t fit properly.
- Be careful when removing your eye protection – eye injuries can happen when dust from your face shield or respirator falls into your eyes.

Protect your Eyes – every day, on every task!

Speakers Notes: Identify the types of eye protection that the crew is required to wear based on the work being completed today.

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Does anyone have any questions about how to do their job safely today?
Daily Safety Message Details
Save Your Eyes

Context:
A serious eye injury can change your life forever. We have more injuries to eyes every year than to any other body part. The good news is, eye injuries have steadily declined over the last few years. Let’s keep that trend going!

By law, employers and supervisors are responsible for ensuring that PPE “necessary to protect the worker against the hazards to which the worker may be exposed” is worn by the worker. The employer must provide the PPE and maintain it in good condition, and train the worker in the use and care of this equipment. Workers have a duty to wear / use the PPE required by law and any required by the employer. Workers must report any missing or defective PPE to the employer or supervisor and must not remove the PPE or make it ineffective.

Preventing Eye Injuries:
Plan and organize the work to eliminate hazards like: acids or other hazardous liquids, sparks and hot particles from grinding or sandblasting, airborne dust, welding flash, projectiles and other hazards. Look into what PPE has worked well in the past for your tasks, and talk about it with your Supervisor or the Vale Rep for the work. If any chemicals are being used, consult the SDS for the eye / face protection requirements.

Select the right PPE for the best protection. Welding and burning operations require special tinted lenses - welding helmets with auto-darkening shields provide the best combination of protection and convenience. Full-face respirators are ideal if the work is in dusty environments where both a respirator and goggles or a face-shield would be required. In areas where a respirator is not required, Smoggles (safety glasses with a foam seal) can provide better protection than regular safety glasses, if fans or the wind sometimes kicks up dust in the work area.

At a minimum, all workers must wear properly fitted safety glasses. There should only be a small gap between your face and the glasses, to keep dust and particles out. However, the glasses will fog up if they fit too tightly – a gap of about 10mm is ideal. Fitting kits are available from PPE suppliers, and the Fit-Checking process is described in Vale’s Eye Wear Fit System, SPI-SAF-35.

Wear the PPE that’s provided, and talk to your Supervisor if your eye protection isn’t suitable for the task you’re doing, or it doesn’t fit properly.

Be careful when removing your eye protection – eye injuries can happen when dust from your hardhat, face shield or respirator falls into your eyes. Lean forward when removing PPE so the dust falls away from your face. Get in the habit of wiping off the top edge of your full-face respirator before loosening the straps. Face-shields are also available that include a piece of cloth or leather between the frame and the shield, to prevent dust falling in your face when the shield is lifted up.

Protect your Eyes – every day, on every task!

Does anyone have any questions about how to do their job safely today?
Reference Material: Save Your Eyes

- **Occupational Health and Safety Act** - sections 25, 27 and 28
  - O. Reg. 213/91 Construction Projects s.21, s.24, s.112(1.2), s.117(3)
  - O. Reg. 854 Mines and Mining Plants s.5.2, s.12(3)(4), s.95(1)(2), s.193(3),(4), s.282(2)

- **Vale Golden Rules**
  - Golden Rule #9. Chemicals and Hazardous Substances
    - Only handle hazardous substances within the prescribed controls.

  - **SAF-01 Eye Protection**
    - Standard for purchase specifications, care and use of eye protection from flying debris or against visible & near visible light. Covers different types and styles available. Proper selection of eye protection for different applications is essential.
  - **SAF-35 Eye Wear Fit System**
    - Guide for proper fit testing / selection for the best eye protection available for each individual to maximize safety and minimize eye injuries.

  - **General Requirements for Ontario Operations**
    - Section 5.1.12 Personal Protective Equipment
  - **Also review the Area / Plant Specific Requirements** for each work location
    - Section 7.1.1 PPE Requirements (Plant)
    - Section 7.1.3, etc… PPE Requirements (Individual Plant Areas)

- **Vale Extranet Site** [http://extportal.vale.com/PMO/](http://extportal.vale.com/PMO/)
  - click on **PMP Safety**, under **Planned Maintenance Periods (PMP)**, for:
    - PMP Daily Safety Messages
    - Other resources and information

- **IHSA Website**
  - IHSA Resource Page – PPE
  - IHSA Safety Talk – Eye Protection
  - IHSA – DVD – Sight on Site  (Note: there is a fee for this DVD from IHSA)

- **CSA Standard Z94.3-07 – Eye and Face Protectors**

*The details listed above may not be up-to-date, always refer to the source documents.*

**Supervisors / Vale Reps** – review as preparation for Toolbox Talks / Line-ups / Audits.

**SHE Coordinators** – complete the attached Jobsite Audit form and submit.

DM # 561779
February 2018
# Daily Safety Message – Save Your Eyes

**Audit Date:**

**Plant:**

**Area:**

**Project #:**

**Auditor’s Name:**

**Auditor’s Company:**

**Site Supervisor:**

**Project Name:**

### Interactive Audit - Discussion Topics

<table>
<thead>
<tr>
<th>#</th>
<th>Discussion Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Did you receive a safety message today?</td>
</tr>
<tr>
<td>2</td>
<td>What was the topic of the safety message?</td>
</tr>
<tr>
<td>3</td>
<td>What kinds of Eye injury hazards might come up for your work?</td>
</tr>
<tr>
<td>4</td>
<td>What kinds of Eyewear will you use today for your work?</td>
</tr>
<tr>
<td>5</td>
<td>Do you have access to all of the safety eyewear that you might need?</td>
</tr>
<tr>
<td>6</td>
<td>Did anyone show you how to do a fit-check for your safety glasses?</td>
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<td>7</td>
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<td>9</td>
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<td>10</td>
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</tbody>
</table>

### Interactive Audit – Results

<table>
<thead>
<tr>
<th># of Responses that Required Coaching</th>
<th>How Many Workers Did You Talk To?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**Notes**

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*Please send Audits to your Vale Representative & Tasha.Pinkerton@vale.com*

*DM # 561779 February 2018*
### Daily Safety Message – Save Your Eyes

<table>
<thead>
<tr>
<th>Field Conditions Audit</th>
<th># Acceptable</th>
<th># Unacceptable</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Eye / Face Protection</td>
<td>(Eyewear suited for the task, good condition, and appears properly fitted.)</td>
<td></td>
</tr>
<tr>
<td>2 Other PPE</td>
<td>(PPE suited for the task, good condition, and appears properly fitted and used.)</td>
<td></td>
</tr>
<tr>
<td>3 Physical Hazards</td>
<td>(grinding, welding, abrasive blasting)</td>
<td></td>
</tr>
<tr>
<td>4 Chemical Hazards</td>
<td>(acids, alkalis, solvents, etc…)</td>
<td></td>
</tr>
<tr>
<td>5 Site Hazards</td>
<td>(wind, dusty conditions, etc…)</td>
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### Notes

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DM # 561779 February 2018