VISION ZERO

7 Golden Rules

Cristián Moraga Torres
Vice President - ISSA Mining
Gerente General – CEO Mutual de Seguridad CChC - Chile
SAFETY 7

isse mining

SEVEN GOLDEN RULES
SEVEN GOLDEN RULES

LEADERSHIP COMMITMENT

IDENTIFY ALL HAZARDS AND RISKS

SET SAFETY AND HEALTH TARGETS

ENSURE A SAFE SYSTEM

USE SAFE AND HEALTHY TECHNOLOGY

IMPROVE QUALIFICATION

INVOLVE PEOPLE
MINING is a pillar of Chilean economy.
Mining is the strongest pillar of Chile’s economic and social development and is a world class industry.

60% of our exports
WORK RELATED DEATHS RATE - 2014

BY INDUSTRY

<table>
<thead>
<tr>
<th>Industry</th>
<th>Average Workers per year X 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>8.8</td>
</tr>
<tr>
<td>Mining</td>
<td>18.2</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>3.7</td>
</tr>
<tr>
<td>Energy and Electricity</td>
<td>6.1</td>
</tr>
<tr>
<td>Construction</td>
<td>8.0</td>
</tr>
<tr>
<td>Consumer goods</td>
<td>2.7</td>
</tr>
<tr>
<td>Transportation</td>
<td>20.1</td>
</tr>
<tr>
<td>Services</td>
<td>0.8</td>
</tr>
<tr>
<td>TOTAL</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Source: Superintendence of Social Security (SUSES0) - 2014
Mutual

TO PREVENT:
Risk prevention (Safety) consultancy services

TO RESOLVE:
Health Care and Rehab

TO PROTECT:
Health and Safety Insurance Worker’s compensation

+ 70.000 Insured Companies

More than 1.900.000 are covered by Mutual.
PRACTICAL APPLICATION

7 Golden Rules

Mobile App

Consultancy Process

VISION ZERO.
SELF EVALUATION

7 Golden Rules

Available: from Nov. 2015

Demonstration

Android App

Google Play

Download en

App Store
1. COMMIT YOURSELF TO LEADER THE SAFETY

Respond accordingly.
- Always
- Almost always
- Never

Question
Is the Safety and Health at Work (SHW) among your main priorities as a businessman/employer?

- [ ] Always
- [ ] Almost always
- [ ] Never

Did you define, in writing, a company policy that shows the importance of SHW in it?

- [ ] Always
- [ ] Almost always
- [ ] Never

- Did you announce safety as a value?

- Is there an executive commitment with the SHW of the company?

- Are all executives aware of SHW as an strategic priority?

- Do all executives know in every detail which are their personal obligations and responsibilities in SHW?
CONSULTING PROCESS

WORK PLAN

Self Evaluation

Agreement

Implementation

Company assessment

Planning

Follow up and Improvement
INTEGRATION with other initiatives

OTHER CONSULTING

TRAINING

SAFETY

MANAGEMENT SYSTEMS

Safety Campaigns
RESULTS
WEB SITE

Demonstration
Seven Golden Rules Scope

Self Evaluation Tool  Key Action and Recommendations  Implementation Check points  Continuous improvement

Improve your Company`s Safety
EXPERIENCE AND NEXT STEPS

- The Leader Commitment is the KEY

- Often “7 Golden Rules” is confused as a replacement management system and another safety tools.

- The seal (logo) must be given to the commitment to “7 Golden Rules” (integrated model)

- The App and the consulting process are facilitators of work to be developed in each company.

- Proposal: global seal (logo), contest with best practices in the practical implementation of each rule.
VISION ZERO

Golden Rules

Cristián Moraga Torres
Gerente General
Mutual de Seguridad CChC - Chile