Learnings from 18 Level 1 Emergency Exercises

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Simtars
Why Run Emergency Exercises?

Coal Mine Explosions

<table>
<thead>
<tr>
<th>Year</th>
<th>Mine</th>
<th>Lives Lost</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1972</td>
<td>Box Flat</td>
<td>17</td>
<td>QLD</td>
</tr>
<tr>
<td>1975</td>
<td>Kianga No 1</td>
<td>13</td>
<td>QLD</td>
</tr>
<tr>
<td>1979</td>
<td>Appin</td>
<td>14</td>
<td>NSW</td>
</tr>
<tr>
<td>1986</td>
<td>Moura No 4</td>
<td>12</td>
<td>QLD</td>
</tr>
<tr>
<td>1994</td>
<td>Moura No 2</td>
<td>11</td>
<td>QLD</td>
</tr>
<tr>
<td>2010</td>
<td>Pike River</td>
<td>29</td>
<td>New Zealand</td>
</tr>
</tbody>
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Why Run Emergency Exercises?

Moura No. 2 Mine Inquiry recommended –

- "Emergency procedures should be exercised at each mine on a systematic basis, the minimum requirement being on an **annual** basis for each mine”


- NSW: - Code of Practice. Emergency planning for mines

- New Zealand: - Underground Mines Emergency Protocol

- Ie: It is legislated
Why Run Emergency Exercises?

Better reasons are:

They are an ideal opportunity to test your mines emergency response system.

The level 1 exercise not only test the mines emergency response system but also the state response including:

• Queensland Mines Rescue Service (QMRS)
• Simtars
• Inspectorate
• Industry Safety and Health Representatives
History

Level 1 exercises have been run in Queensland since 1998

The first exercise was held at Southern Colliery (Grasstree West)

Some mines have hosted the exercise twice:

Newlands, North Goonyella and Kestrel

Grasstree’s second exercise is this year.

Hundreds of recommendations made

Not all have been adopted
History

Some staff feel threatened by the Exercise:

One mine pulled all contractors on the day of the exercise

Printed reports were issued

Information disseminated via
Conferences
Queensland Mining Journal
Workshops

Only one person has been present on all exercises
What Have We learnt?

IMT process has improved (MEMS)
QMRS deployment still an issue
Control room = intelligence cell
Inertisation capability
Emergency response for gas
What Have We learnt?

Still regarded as a threat

Oaky No 1 leave a success

Changes to emergency response plan

The use of Video is an important tool
A Past forgotten is a Future repeated
What Have We learnt?

Mineworkers are now more familiar with SCSR and CABA
A Past forgotten is a Future repeated
Options for the Future

Emergency response = a safety management plan failure.

Level 1 = an opportunity to test your system

Use video in Level 2 exercise/SCSR training

MEMS (ICS) developed by QMRS. (More practice is still required)
Presented by:

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