Moranbah Health and Safety Forum

Where to now for the Queensland Mining Industry?

Sean Brady Brady Heywood Pty Ltd

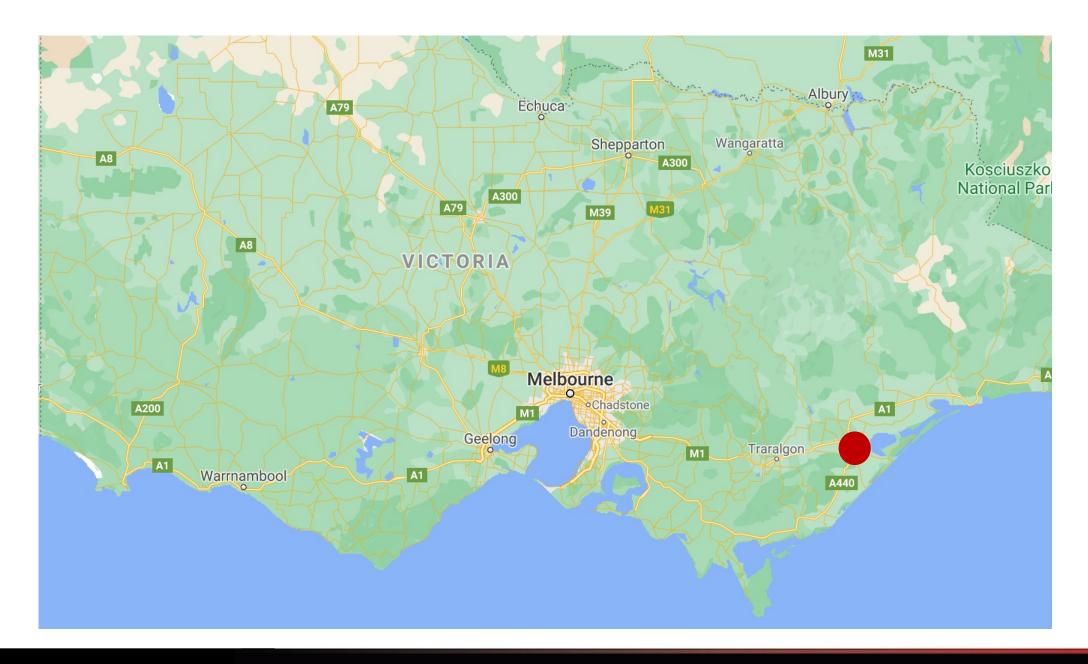


High Reliability Organisations (HROs).

- Preoccupation with Failure
- Deference to Expertise
- Sensitivity to Operations
- Reluctance to Simplify
- Commitment to Resilience

Learning Organisations.

25 September 1998.



complex systems thinking Brady Heywood.



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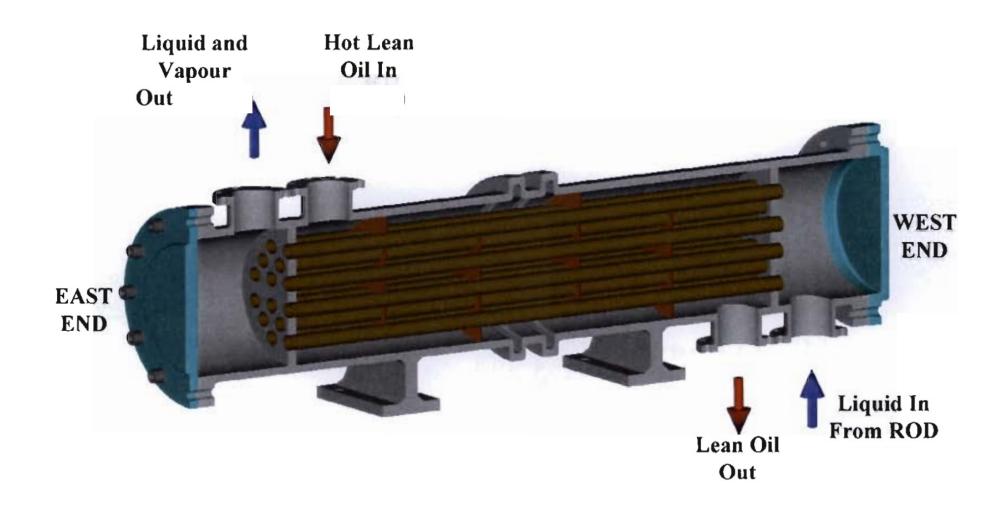


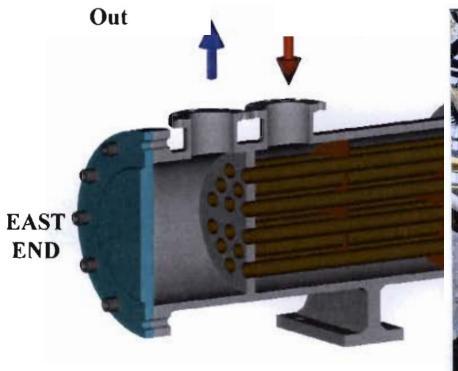


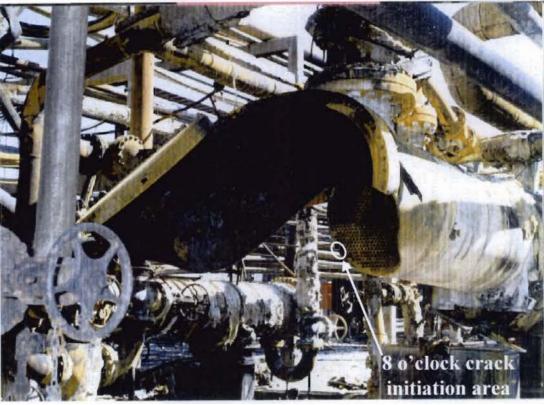
Memorial for workers Peter Wilson and John Lowery killed in the blast. JAMES DAVIES

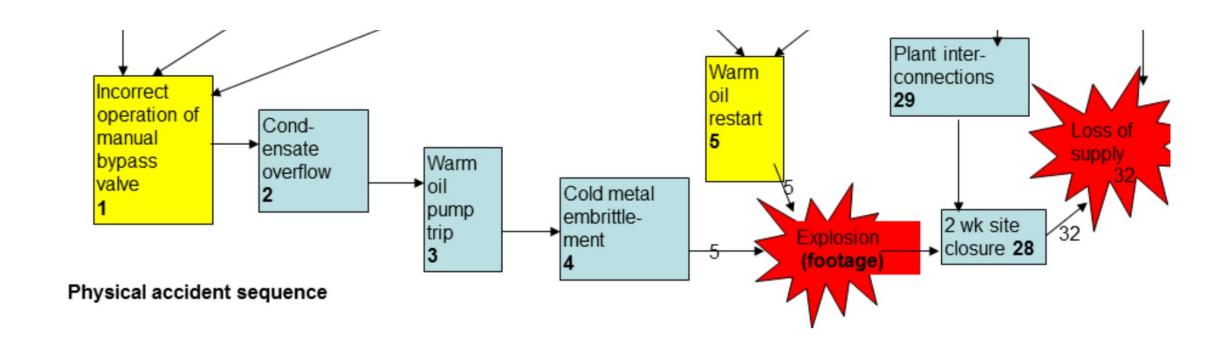


Cold Metal Embrittlement.









Blame?

Esso blame operators.

Esso say had been trained.

Operators didn't understand situation.



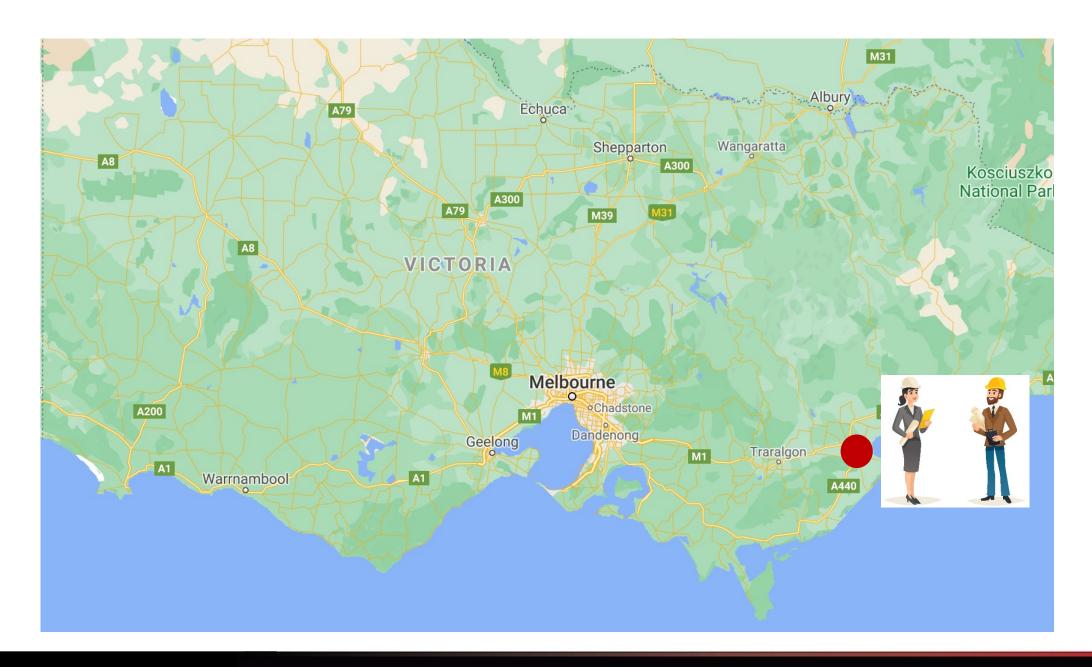
Incident triggered by human error.

Absence of procedures.

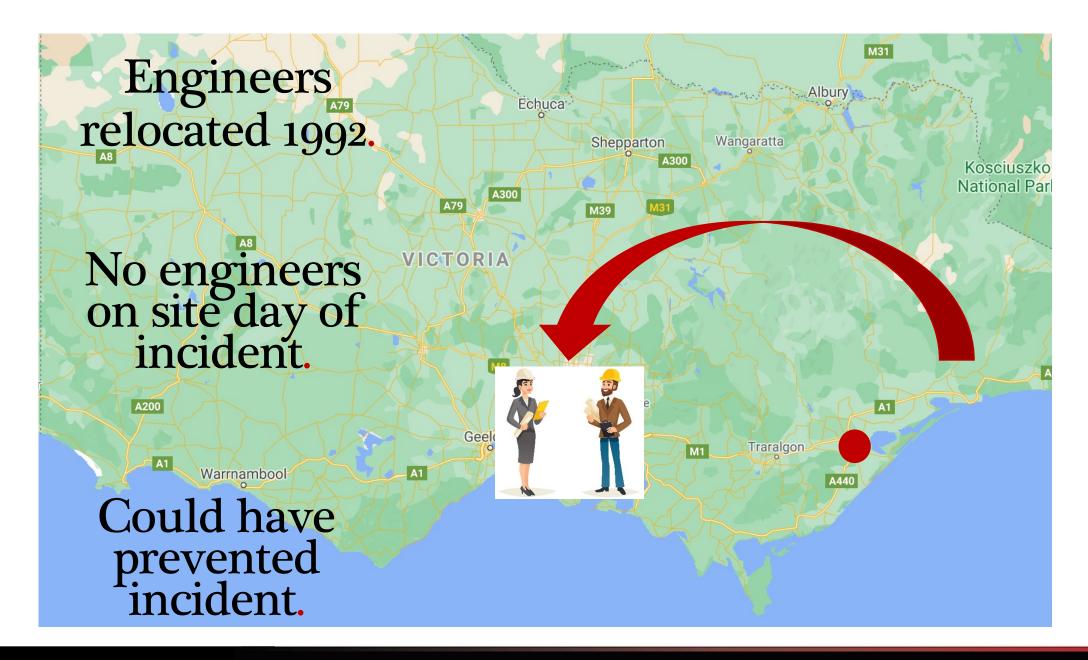
Operators' risk competence.

- Preoccupation with Failure
- Deference to Expertise
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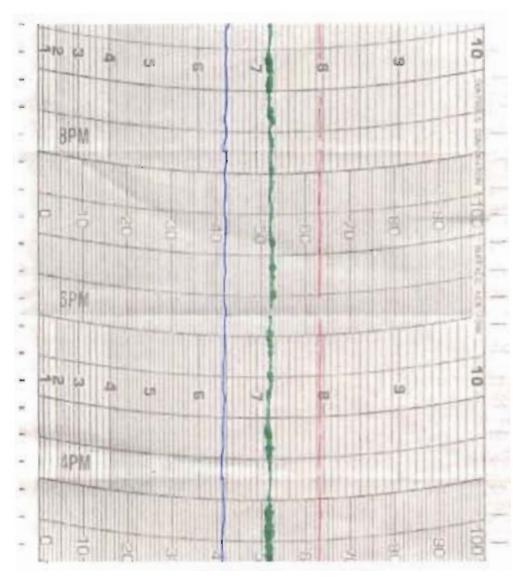


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https://www.parliament.vic.gov.au/papers/govpub/VPARL1998-99No61.pdf

Your Organisation?

- Preoccupation with Failure
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https://www.parliament.vic.gov.au/papers/govpub/VPARL1998-99No61.pdf

Run in alarm mode.

Adapting & normalising.

Production & system in drift.



300-400 alarms per day.

Absence of engineers.

Some systems had to operate outside limits.

Your Organisation?

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Focus on LTIs.

1993: 5 million hours & o LTIs.

Process Upsets not Reported.

Distraction.



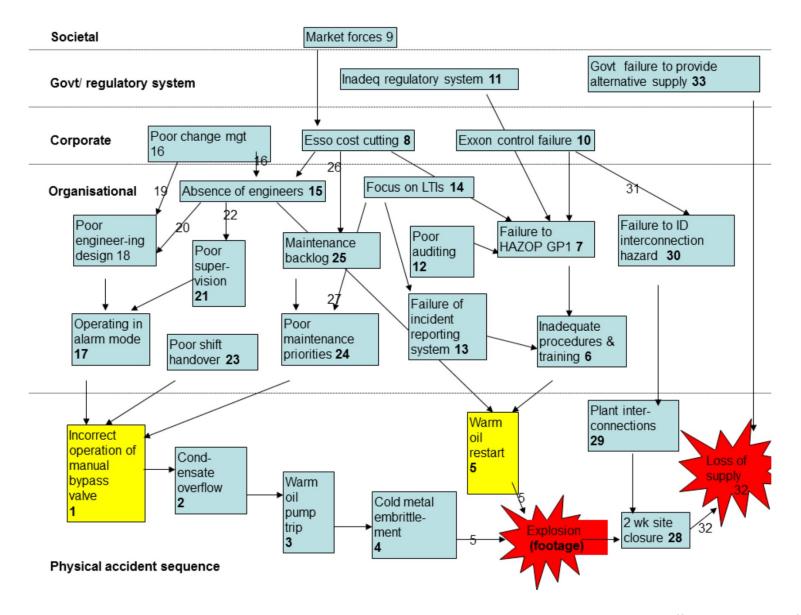
1997: o LTIs.

Esso won award.

Near Miss Previous Month.

False Sense of Security.

Your Organisation?

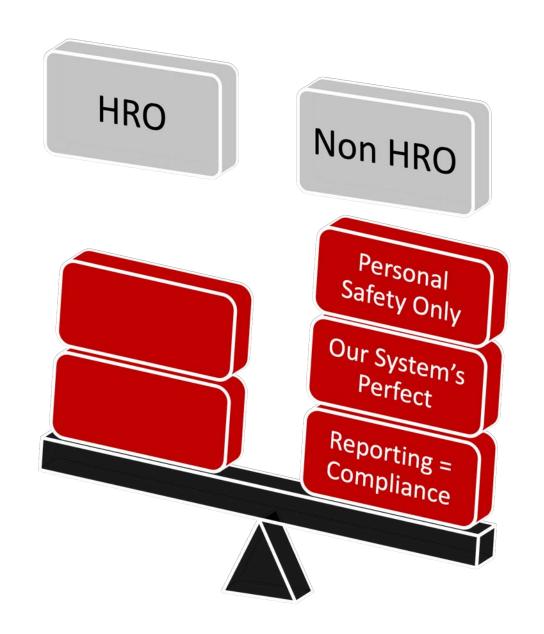


https://www.processsafety.com.au/process-safety-blog/2015/3/4/preventing-disaster-learning-from-longford

High Reliability Organisations.



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Your Organisation?

Companies structured to not let bad news flow up.

Beware the continuous flow of good news.

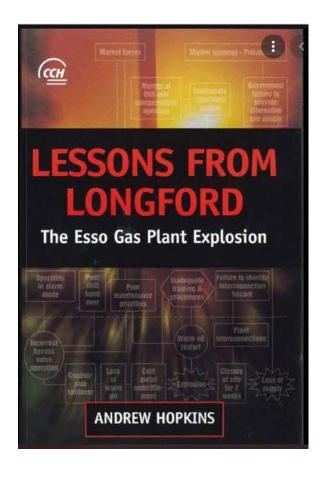


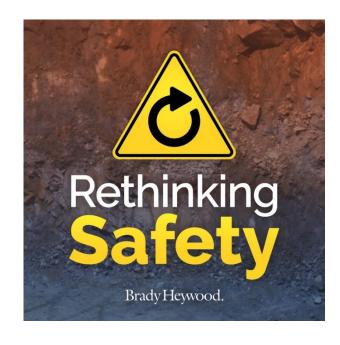
Get the bad news.

Then take action.

Learning Organisations.

Learning/Relearning Organisations.







Industry Leader's HRO Briefing: Creating a highly reliable mining and quarrying industry

Join Chief Inspector of Minerals, Mines & Quarries Hermann
Fasching when he chairs a session with Dr Sean Brady and Jodi Goodall
of Brady Heywood on how Queensland's mining and quarrying
industries can move towards higher reliability. It will touch on:

- How the principles of high-reliability organisations (HROs) differ from the current industry approach
- Case studies of successful industry implementation
- Practical pathways to creating a highly reliable mining and quarrying industry.

Don't miss this opportunity to hear from industry leaders and experts in the field.

Brady Heywood.