

XV Congress SAFEX International  
Geneva May 26th 2005

**15/PS1-2 Checking your company's health/  
Dyno Nobel**

**by T.HAUGEN DYNO NOBEL ASA**

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**Checking your  
Company's health**

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**Porgera – 11 Fatalities**



**at nightmare!**

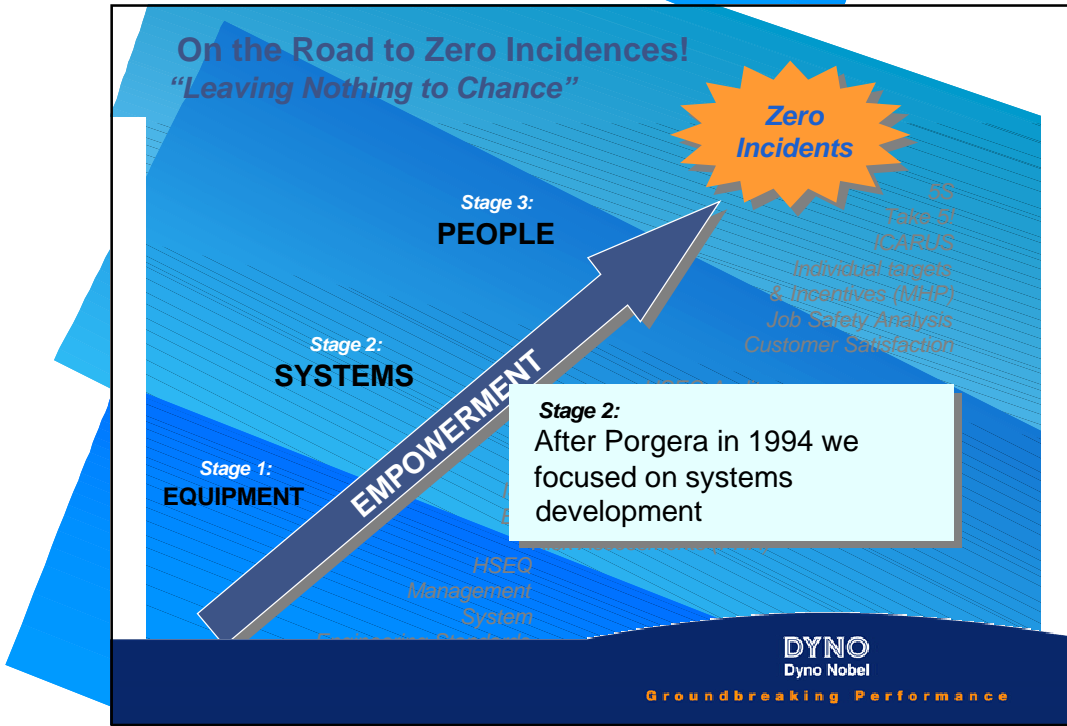
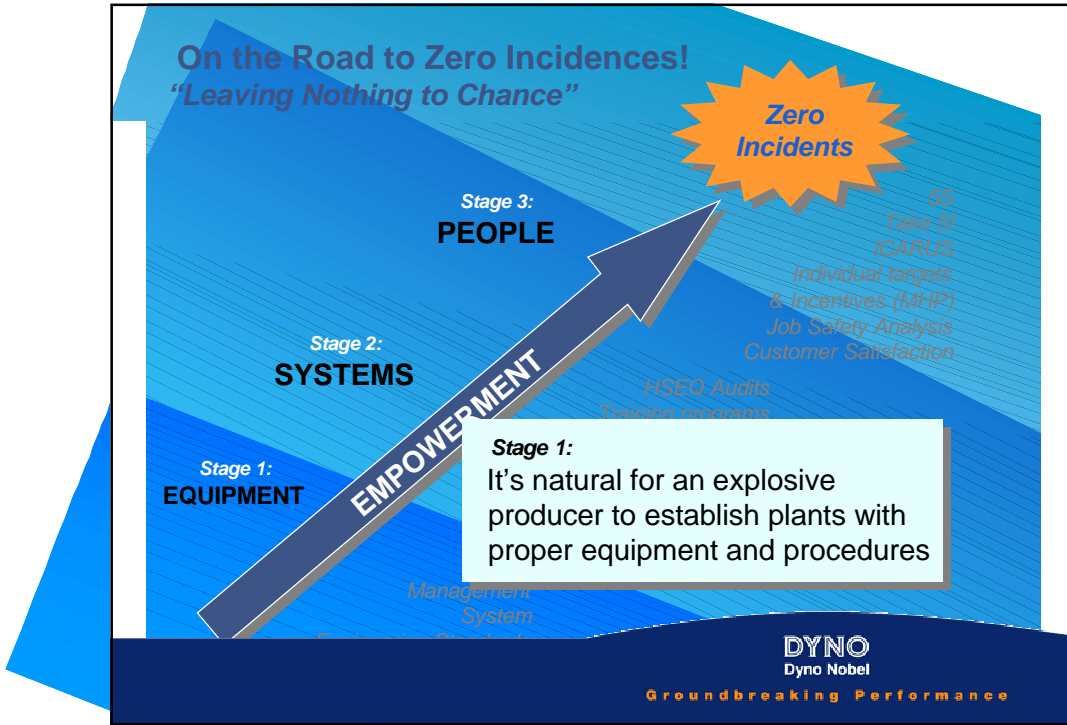
**August  
1994**

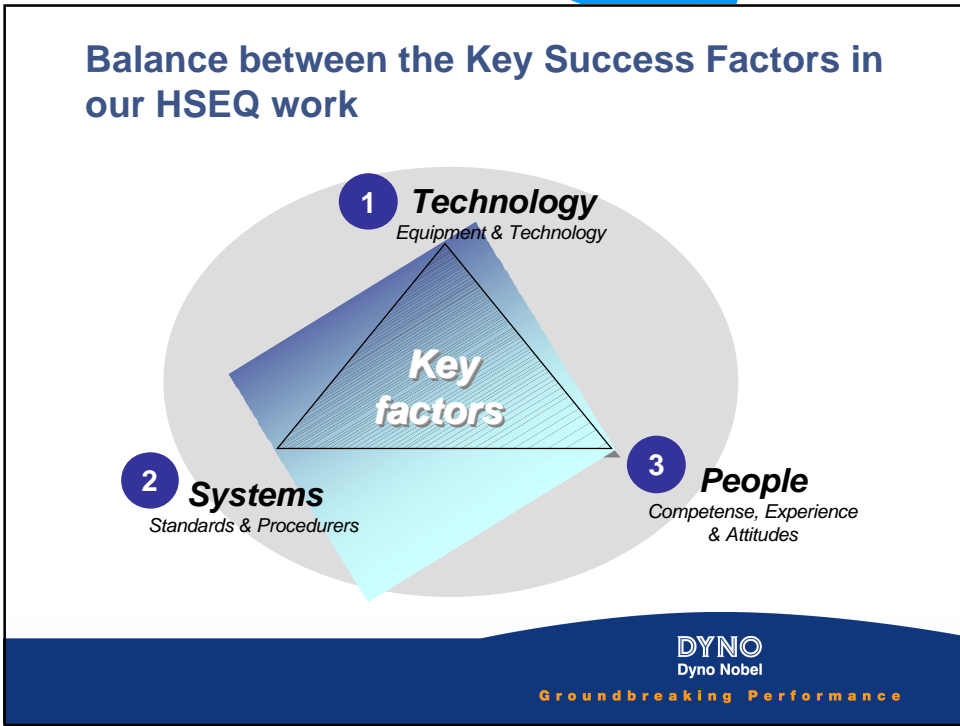


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## Our Strategy

- § **People**  
Improving collective and individual safety behavior
- § **Risk**  
Continuously working to minimize risk





# Dyno Nobel HSEQ Management System

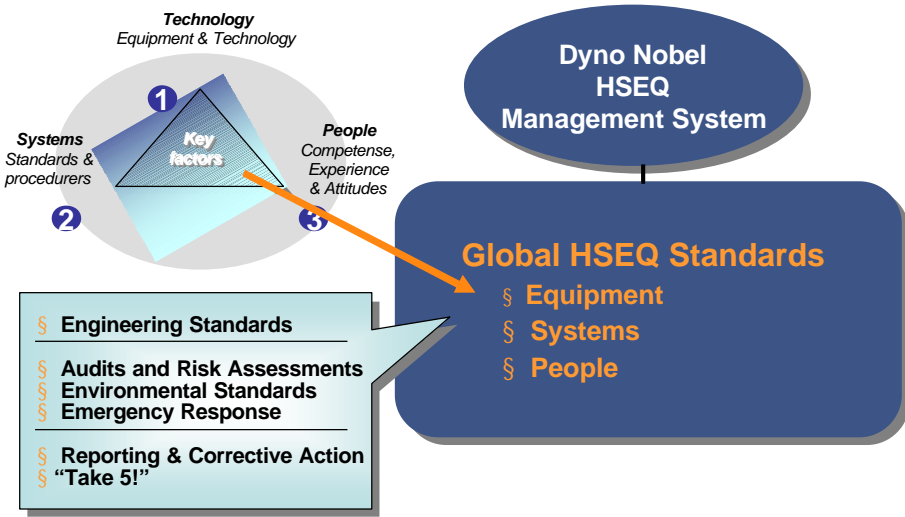
- § Policy
- § Organization & Resources
- § Training
- § Programs and Tools

Dyno Nobel  
HSEQ  
Management System

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# Dyno Nobel HSEQ Management System



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## Dyno Nobel HSEQ Management System

Dyno Nobel  
HSEQ  
Management System

### Global HSEQ Standards

- § Equipment
- § Systems
- § People

BU and Plant Specific HSEQ procedures

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How do you recognize a "safe" company?



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## Lagging Indicators



- § Injury Frequency Rates
- § Number of serious accidents
- § Losses or cost
- § High potential incidents & Near Misses

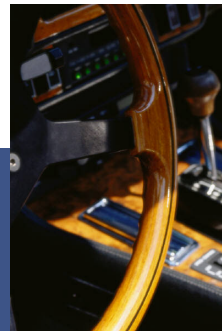
*We used all these in the past –  
and are still using them . . .*

**BUT . . .**

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## We Needed to Take Control !



### Knowing how to monitor:

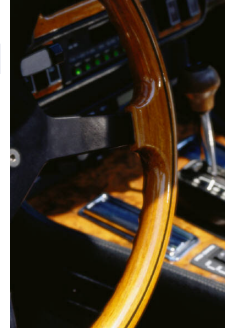
- § Risk reduction
- § Safety culture
- § And the activities supporting them

**Enables us to control where we want to go –  
rather than monitoring where we've been**

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## Leading indicators in Dyno Nobel



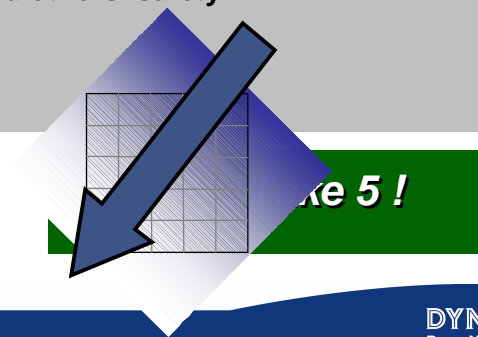
Reduced Risk  
&  
Improved  
Safety Culture

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## One Example from Dyno Nobel: “Take 5!”

- § Stop and think before acting !
- § Take an active responsibility for own and others' safety



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# Take Control!



**Take 5!** Your Company needs you.  
Assess your risks - and reduce them!

On the job or at home, we all face hazards. But how do we deal with them?

Dyno Nobel's "Take 5!" Program incorporates a hazard assessment tool that helps **you** take control over the risks you face.

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## The "Take 5!" Notepad

Cover

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**Take 5!**

Rapid Hazard Assessment

Is the task new?  
Is anything different?  
Has anything changed since you last performed this task?  
If so, STOP, THINK and apply the Take 5 steps!

**STOP**

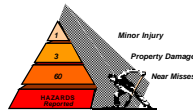
- Describe the task.**  
What is the task you are about to do?
- List the hazards.**  
What are the main hazards involved in carrying out the task?
- List the controls**  
What controls will you use to reduce the risk?
- Assess the risk**  
Use the HAT to determine the risk after controls are applied
- Decide what is next**  
Apply the controls - is it safe to proceed with the task?  
Are additional controls required?

Inside Front Cover

### Identifying Hazards to Prevent Accidents

There is a correlation between the number of major injuries and Near Misses, and potential hazards.

If we identify and remove hazards from our workplaces, we can prevent accidents.



Notepad Sheets with Watermark

Location: \_\_\_\_\_ Date: \_\_\_\_\_

Employee Name: \_\_\_\_\_

- Describe the task:
- List the hazards:
- List the controls:
- Assess the risk:

PROBABILITY	Will Happen	5	B	B	A	A	A
	Almost Certain	4	C	B	B	A	A
	Could Happen	3	C	C	B	B	A
	Unlikely	2	C	C	C	B	B
	Extremely Unlikely	1	C	D	C	C	B

A	A	1	2	3	4	5
B	B	1	2	3	4	5
C	C	1	2	3	4	5

SEVERITY

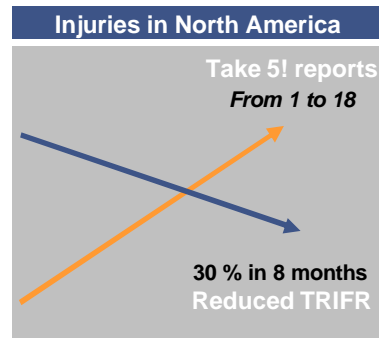
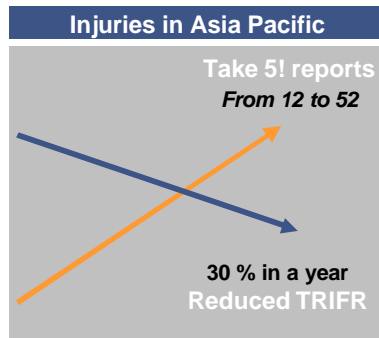
5. Decide what is next:

Tear off the sheet and pass to your Supervisor.

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## Strong Relationship: "Take 5!" reports per employee & No. of Injuries



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For us "Take 5!" is about getting  
Everyone involved



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## So . . . what is a healthy company?

- § Having good performance?
- § Management leading by example?
- § People taking responsibility?
- § Leading rather than controlling?
- § Learning from mistakes?
- § Utilizing best practices?
- § Openness and trust?

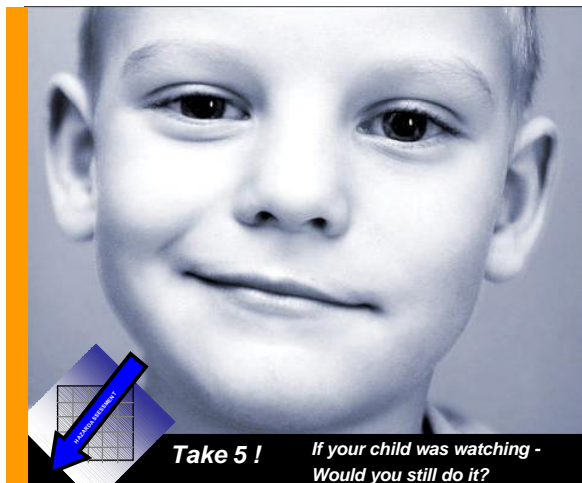


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**Safety First means . . .**

**” Leaving Nothing to Chance!”**



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