



How to use Learning Teams as a way of learning from Incidents?

Report from an Equinor pilot

Foto:Aker

Course of event



A crew of 9 people were dismantling a 36-meter-high scaffold

They worked in several heights with two people operating the 2 lifting wheels used to hoist the scaffolding materials down to the ground.

 \mathbb{P} (#8) had detached some materials from the hook and lifted the hook up to person 7.

While Pwas carrying materials away to a temporary storage area, Person 7 had prepared for the next operation. He attached the 2 scaffolding pipes to the hook and lifted the materials above and over the railing and dropped the pipes.

The \mathbb{P} was on his way towards the rope when he sees the rope starting to move. He turns and the bad hits his rightupperarm.



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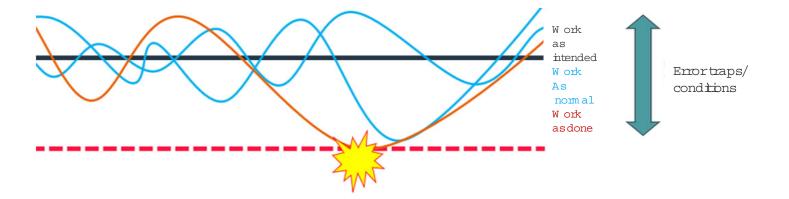
"An accident is an unexpected outcome of normal performance variability"



The work in the Learning team is based on HO P-principles.

Thismeans:

- Learning is vital. Learn how work as normalisperformed vs.
 work as intended
- «Contextdrives behavior» Understand conditions and error traps that can make more work difficult— Work as done
- «Errors are norm al» Is the system safe even if errors occur?



Conditions:

- Time pressure
- Task complexity
- Communication
- Rules and procedures
- Teamwork
- Experience / training
- Attitudes to safety and management support
- Environment

Error traps /perform ing shaping factors:

- Individual
- Task
- Technical
- 0 rganisation

Themal

How did we do it?

3 workshops à 3 hours and a GAP-analysis



W orkshop I: «A perfectday atwork»

- Get to know the groupmembers and the competence in the group establish trust
- Learn how the work is normally performed and the conditions that makes it perfect and sometimes challenging
- Use a time line to sketch out normal work
- Startwith W orkorder/W ork Permit/Prejob meeting
- Exchange good practices/experience

W orkshop II: «W orkasdone»

- Step trough the workday the incident happened.
- Charter conditions and error trapps that affected the actual incident and similar incidents
- · Use the time line
- Use pictures from the site and actual documents such as plans, Work Permit, SJA, etc.

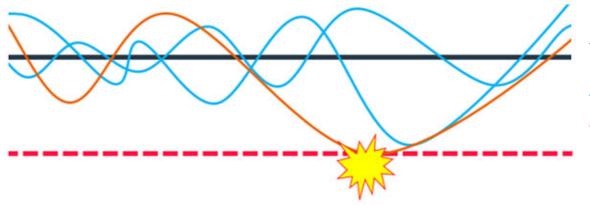
GAP-analysis and improvement needs

Formulation of A3's and draft report

W orkshop III:

«Recommendations»

- Review /readback of draftreport and A3's
- Leveling the understanding in the group



W orkasplanned = W orkprocess

A perfectday = A normalday

W orkasdone = hcident



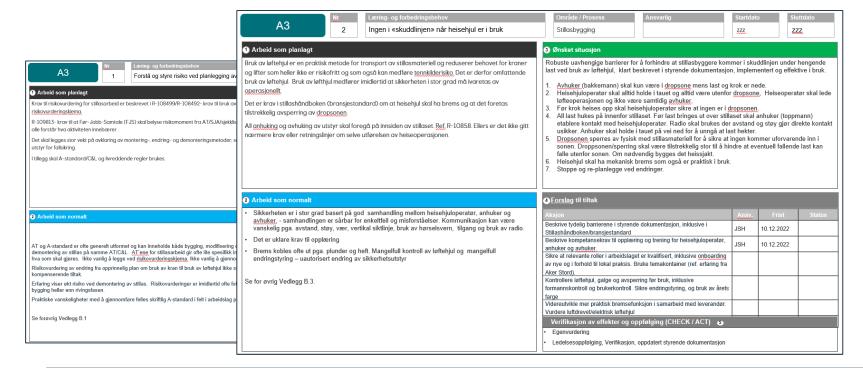
Aftermath:

- Rewiew report in learning team
- Review of report with the professional ladder in scaffolding

næma.



Recommendations and baming points -deliveries from the baming team.



+ description of gaps for each step in the scaffolding work process in minutes of meeting

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Evaluation

- Probably best for operational incidents frequent operations
- Team composition
- Good group dynamics essential open sharing of experience
- Method (blue line, black line, red line), conditions, error traps, easily understood and accepted
- Generates many improvement suggestions directly from the people doing the work
- Includes learning from good practices
- Efficient
- New pilot planned

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Hanne Seljelid, Oddvar Sæle, Arild Førland

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