International Conference on Process Safety Performance Indicators

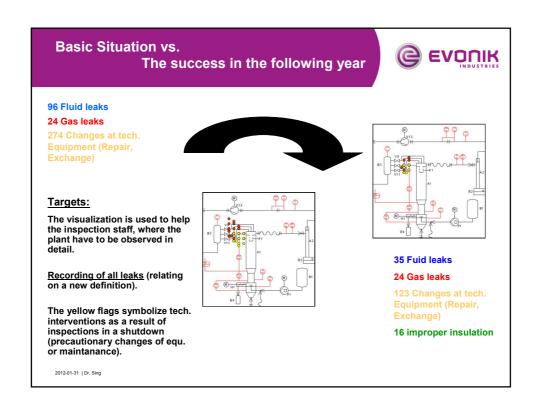
Usage and Consequences

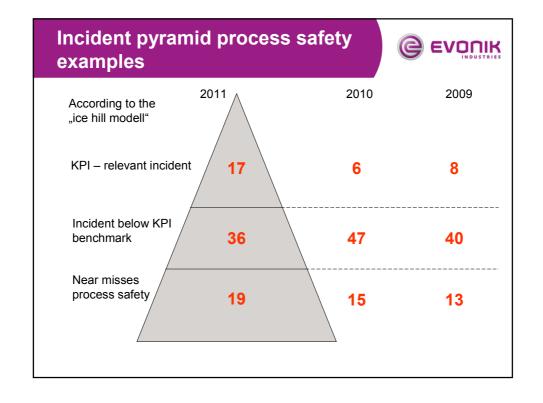
Evonik Industries AG Director Environment & Safety Worms Dr. Rudolf Sing

February 01, 2012 - Brussels





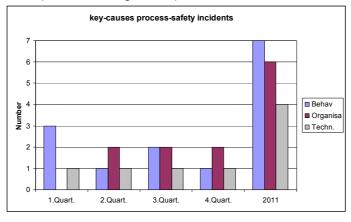




Analysis of KPI relevant Incidents



Technical Causes (failure of machines or material) Organisatonal Causes (Processes or workprocedures) Behavior (human errors, ignorance)



The "No Tolerance" program in the plant



- New definition of leaks (salting out, dripping etc.)
- Entitle: "Our facilities will be 100% leak-proof" no tolerance for leaks independent of the substance.
- Plant inspection protocols with positive and negative quotation of the
- · Quick visualization with flags in the process flow diagram
- Fast and resolute action to eliminate even the smallest leaks. Different sensitivity in risk evaluation.
- Looking on a certain aspect in a system will change the system (according to Heisenberg in greatest possible extend).

2012-01-31 | Dr. Sing