



HUNTSMAN

Huntsman Petrochemicals

Huntsman Petrochemicals improved safety for 300 employees and made cost savings by introducing a behavioural safety programme. Employees benefited from fewer accidents and the company reduced operating costs.

No. of employees: 300

Business sector: Petrochemicals [subsidiary of the privately owned Huntsman Corporation]

Business activities: Hydrocarbon processing

Stakeholders: Employees, company and share holders

Location: Olefins plant, Teesside

Behavioural Safety Programme

Despite an excellent safety record, Huntsman Petrochemicals was concerned that some 'near misses' could have led to significant injury. The Operations Manager thought that improved safety behaviours at all levels of the company could lead to improved reliability and less likelihood of a major incident.

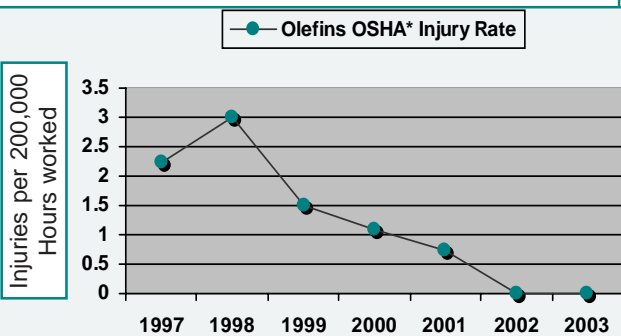
"The introduction of 'BSAFE' has brought about a fundamental shift in attitude towards Safety, Health & Environment. It has for the first time allowed every individual in the business to personally take responsibility for their own safety and for the safety of others".

Paul Booth, European Vice President of Manufacturing & Technology.



BUSINESS BENEFITS

- £250,000 / year saving in steam leaks through identifying and making repairs. This reduction in energy consumption directly reduces taxes incurred via the Climate Change Levy
- BSAFE has contributed to a 32% reduction in Huntsman's 2003 insurance premiums
- Significant reductions in operating costs as workers identify and rectify plant problems themselves



HEALTH & SAFETY BENEFITS

- No OSHA* recordable injuries over the last 18 months
- OSHA recordable injury rate falling from around 3 per 200,000 hours worked in 1997/8 to zero in 2002/3
- Improved awareness of the influence of behaviour on individual's safety
- All employees make a more proactive contribution to safety management

* OSHA – Occupational Safety & Health Administration (USA enforcement body)

"As I carry out everyday tasks, I am constantly (probably subconsciously) reminding myself of things I must and must not do! I find myself noticing things (AND DOING SOMETHING ABOUT IT !!) that I may have ignored before."

S Gell, Operating Technician



THE COST-BENEFITS

The average, annual running cost of BSAFE is around £238,000. This includes training costs, time & salary of BSAFE observers & co-ordinators and the IT software. A large proportion of the costs would have been incurred anyway via a different department.

'Energy savings over £250,000/year'

The Operations Manager's conservative estimate of savings on utility losses is £250,000 p.a. BSAFE helped control steam leaks, saving around 5te/hour of steam.

The savings in utilities, combined with the £multi-

BSAFE saves around 5te/hour of steam

thousand saving in insurance premiums more than off-set the annual cost of BSAFE.

A DIRECTOR'S VIEW

The senior Environmental, Health & Safety manager at the site raised the profile of behavioural safety. He supported the BSAFE process as part of their business manufacturing technique.



WORKER INVOLVEMENT

INVOLVEMENT

Key safety representatives from unions (T&GWU and Amicus) were actively involved by recruiting the coordinator and observers. The representatives have been very supportive of BSAFE.

What did the company do? Huntsman implemented 'BSAFE' – a proprietary behavioural-based safety system

■ **Target setting** by the BSAFE work group for levels of safe behaviour to be achieved

■ **Training Huntsman staff** to act as observers and coordinators

■ **Observers monitoring** behavioural safety in the workplace

■ **Feedback to all staff**, including comparisons with targets set by the BSAFE work group and advice for improvements

■ **All staff empowered to identify and implement improvements** where unsafe conditions or behaviours are observed