

bsi.

...making excellence a habit.™

Managing occupational health using OHSAS 18001:2007



BSI, a Royal Charter
Company

Tim Sparey MSc, BA(Hons)
BSI UK Training Manager

Copyright © 2014 BSI. All rights reserved.

V1 Jan 2014

Session aims



- **To introduce**
 - Current occupational health trends and why occupational health needs to be managed effectively
 - The framework of BS OHSAS 18001:2007 related to the management of occupational health
 - Linking BS OHSAS 18001:2007 to other sources of guidance to manage occupational health
 - BS OHSAS 18001:2007 in application and the benefits that can be achieved

bsi.

Copyright © 2013 BSI. All rights reserved.

2

The current OH picture



bsi.

Copyright © 2014 BSI. All rights reserved.

2012 – 2013

Occupational health trends

- **1.1 million** people were suffering from an illness (long-standing as well as new cases) caused or made worse by their current or past work.
- **0.5 million** of these were new conditions which started during the year.
- A further **0.7 million** former workers (last worked 12 months ago) were suffering from an illness which was caused or made worse by their past work.

bsi.

Copyright © 2013 BSI. All rights reserved.

4

2011 – 2012

Occupational health trends

- **2,291** people died from mesothelioma in 2011 and thousands more from other occupational cancers and diseases
- **22.7** million working days were lost due to work-related ill health.
- Workplace injuries and ill health (excluding cancer) cost society an estimated **£13.8 billion** in 2010/11 (based on 2011 prices).

bsi.

Copyright © 2013 BSI. All rights reserved.

<http://www.hse.gov.uk/statistics>

5

2012

Occupational health trends

- Musculoskeletal disorders were the most common type of work related illness.
- Mental ill health gave rise to most working days lost.
- The overall rate of new cases of work-related ill health was roughly **1,300** cases per **100,000** workers.

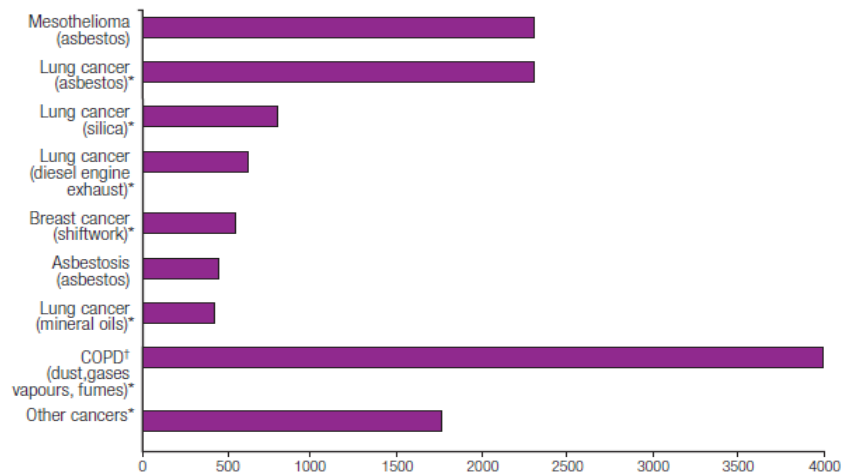
bsi.

Copyright © 2013 BSI. All rights reserved.

<http://www.hse.gov.uk/statistics>

6

Fatal diseases (i)



* Figures are estimated based on epidemiological data and are subject to considerable uncertainty
† Research is underway to identify more specific causal agents for COPD

For further information go to <http://www.hse.gov.uk/statistics/tables/can02.xls>

bsi.

Copyright © 2013 BSI. All rights reserved.

<http://www.hse.gov.uk/statistics>

7

Fatal diseases (ii)

- There are currently around **13,000** deaths each year from work related diseases.
 - Most were occupational cancers or Chronic Obstructive Pulmonary Disease (COPD).
 - Current estimates (based on 2005 data) suggest at least 8000 occupational cancer deaths each year in Great Britain.
 - More than half were caused by past exposures to asbestos (either mesothelioma or asbestos-related lung cancer).
 - The next four biggest categories of occupational cancer were lung cancer due to silica, diesel engine exhaust, and mineral oils, and breast cancer due to shift-work.

bsi.

Copyright © 2013 BSI. All rights reserved.

<http://www.hse.gov.uk/statistics>

8

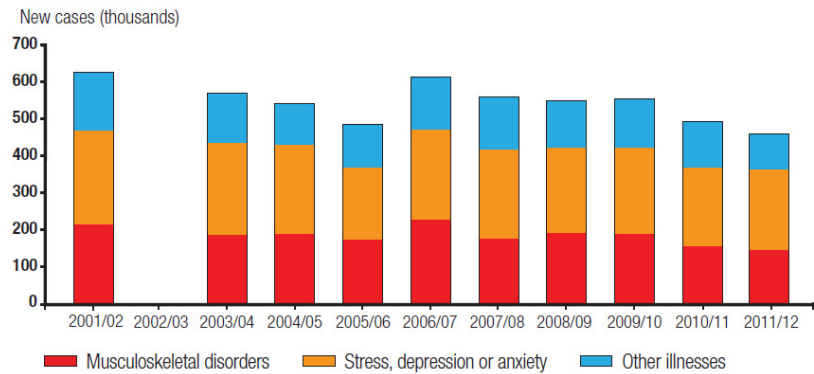
© BSI 2014.

NOT TO BE SHARED OR COPIED WITHOUT THE WRITTEN PERMISSION OF BSI.

Some good news cases have reduced

Estimated new cases of self-reported work-related illness amongst people who worked in the last 12 months

Note: average sample variability +/-7% on the total



Source: Labour Force Survey

For further information, and detail on earlier years, see <http://www.hse.gov.uk/statistics/lfs/swit6w12.xls>

bsi.

Copyright © 2013 BSI. All rights reserved.

<http://www.hse.gov.uk/statistics>

9

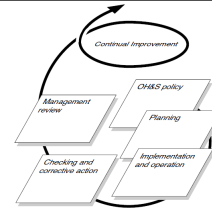
The framework of OHSAS 18001



bsi.

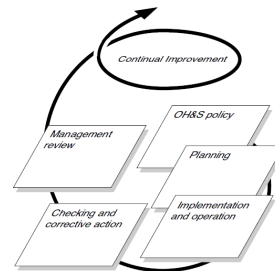
Copyright © 2014 BSI. All rights reserved.

OHSAS 18001



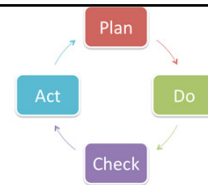
- **The purpose**
 - establish an OH&S management system to eliminate or minimize risks to personnel and other interested parties who could be exposed to OH&S hazards associated with its activities
- **Defining work related 'ill health'**
 - identifiable, adverse physical or mental condition arising from and/or made worse by a work activity and/or work-related situation

The framework, in brief



- **Identify:**
 - Processes;
 - People;
 - Hazards;
 - Risks.
- **Implement:**
 - Actions to manage and/or reduce risks (i.e. training, controls);
 - Monitors/measures and process audits;
- **Improve**
 - Processes and continue to reduce risks

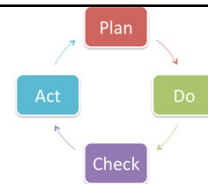
The framework, in context (i)



- **Identify:**

- The **processes** that could cause ill health and the **people** involved, including personal history;
- The **hazards** involved, including substances, fibres/dusts, work patterns/workload, training effectiveness, management effectiveness, cultures, process repetition, ergonomics, and other psychosocial factors;
- The associated **risks** including thorough health related risk assessment

The framework, in context (ii)



- **Implement:**

- **Actions** to manage and/or reduce risks such as targeted objectives, training, operational controls, ergonomic tools, physical health awareness campaigns, mental health awareness, baseline employee surveys, pre-employment health screening etc;
- **Monitors/measures** and process **audits** to determine the effectiveness of implemented actions and to identify further improvement, repeat employee surveys, routine health surveys, etc

- **Improve**

- **Processes** and **continue to reduce risks** through the P.D.C.A. approach

Other occupational health related frameworks

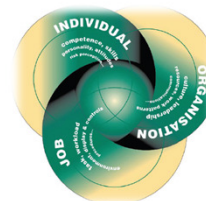


bsi.

Copyright © 2014 BSI. All rights reserved.

Related guidance

- OHSAS 18004
- ILO OSH
- HSG 65
- HSG 48
- CIPD factsheets



bsi.

Copyright © 2013 BSI. All rights reserved.

16

Benefits of OHSAS 18001

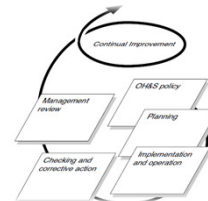


bsi.

Copyright © 2014 BSI. All rights reserved.

OHSAS 18001 benefits

- In a word **structure**
- 18001 helps to structure the identification of
 - Legislative requirements
 - Hazards
 - Risk levels
 - Operational controls
 - Training needs
 - Communication and consultation
 - Monitoring and measurement activities
 - Objectives and continual improvement plans



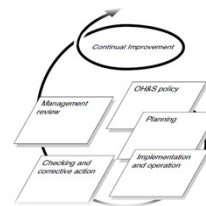
bsi.

Copyright © 2013 BSI. All rights reserved.

18

OHSAS 18001 benefits

- 18001 will not 'do it' for you
- Commitment and drive is needed from senior and line management
- Resources are needed to reduce incidents of ill health and injury



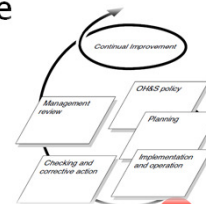
bsi.

Copyright © 2013 BSI. All rights reserved.

19

2010 survey results

- **81.3%** saw improved health and safety culture/climate
- **75.5%** saw improved senior management involvement/commitment
- **67.6%** improved manager involvement/commitment
- **62.6%** improved worker involvement
- **61.2%** improved communication
- **37.5%** showed significant legislative compliance improvement



bsi.

Copyright © 2013 BSI. All rights reserved.

20

Q and A



bsi.

Copyright © 2014 BSI. All rights reserved.



BSI Group
Kitemark Court
Davy Avenue, Knowlhill
Milton Keynes, MK5 8PP
United Kingdom

+44 845 087 9000
training.admin@bsigroup.com
bsigroup.com

bsi.

Copyright © 2013 BSI. All rights reserved.

22