Management of health, safety and environment in process industry

The present status of industrial HSE management in a number of EU member states is reviewed, with a focus on the integration of health, safety and environment in single management systems. The review provides insight into the standards and paradigms adopted by industry, and it identifies trends and needs for improvement. It appears that most industries consider goal-based HSE management programs to be a success and believe them to contribute to the profitability of the industry. We conclude that HSE management would benefit greatly from guidance on how to use existing management systems efficiently and also from the further development of meaningful safety performance indicators that identify the conditions prior to accidents and incidents. (C) 2007 Elsevier Ltd. All rights reserved.

General information
State: Published
Organisations: Risø National Laboratory for Sustainable Energy, Systems Analysis Division
Contributors: Duijm, N. J., Fiévez, C., Gerbec, M., Hauptmanns, U., Konstandinidou, M.
Pages: 908-920
Publication date: 2008
Peer-reviewed: Yes

Publication information
Journal: Safety Science
Volume: 46
Issue number: 6
ISSN (Print): 0925-7535
Ratings:
BFI (2018): BFI-level 2
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 2
Scopus rating (2017): CiteScore 3.22 SJR 1.113 SNIP 2.004
Web of Science (2017): Impact factor 2.835
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 2
Scopus rating (2016): CiteScore 2.81 SJR 1.097 SNIP 1.99
Web of Science (2016): Impact factor 2.246
Web of Science (2016): Indexed yes
BFI (2015): BFI-level 2
Scopus rating (2015): CiteScore 2.73 SJR 0.969 SNIP 1.932
Web of Science (2015): Impact factor 2.157
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 2
Scopus rating (2014): CiteScore 2.69 SJR 0.973 SNIP 2.264
Web of Science (2014): Impact factor 1.831
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 2
Scopus rating (2013): CiteScore 2.25 SJR 0.847 SNIP 2.195
Web of Science (2013): Impact factor 1.672
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 2
Scopus rating (2012): CiteScore 2.04 SJR 0.883 SNIP 1.911
Web of Science (2012): Impact factor 1.359
ISI indexed (2012): ISI indexed yes
Web of Science (2012): Indexed yes
BFI (2011): BFI-level 2
Scopus rating (2011): CiteScore 2 SJR 0.817 SNIP 1.728
Web of Science (2011): Impact factor 1.402
ISI indexed (2011): ISI indexed yes
BFI (2010): BFI-level 2
Scopus rating (2010): SJR 0.781 SNIP 1.844
Web of Science (2010): Impact factor 1.637
Web of Science (2010): Indexed yes
BFI (2009): BFI-level 2
Scopus rating (2009): SJR 0.693 SNIP 1.541
BFI (2008): BFI-level 1
Scopus rating (2008): SJR 0.751 SNIP 1.435
Web of Science (2008): Indexed yes
Scopus rating (2007): SJR 0.484 SNIP 1.614
Scopus rating (2006): SJR 0.627 SNIP 1.274
Scopus rating (2005): SJR 0.369 SNIP 1.176
Scopus rating (2004): SJR 0.423 SNIP 0.878
Web of Science (2004): Indexed yes
Scopus rating (2003): SJR 0.401 SNIP 1.087
Scopus rating (2002): SJR 0.26 SNIP 0.907
Web of Science (2002): Indexed yes
Scopus rating (2001): SJR 0.443 SNIP 0.714
Scopus rating (2000): SJR 0.445 SNIP 0.603
Web of Science (2000): Indexed yes
Scopus rating (1999): SJR 0.321 SNIP 0.588
Original language: English
Keywords: safety, Health, Environment, safety management, Management integration, Safety indicators
DOIs:
10.1016/j.ssci.2007.11.003
Source: orbit
Source-ID: 223098
Research output: Research - peer-review ; Journal article – Annual report year: 2008