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- Science and Technology
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- Occupational health and hygiene
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- Mining
- Offshore oil and gas technology
- Transportation
- Nuclear technology

Date Coverage
1977–2015

Update Frequency
Closed

Geographic Coverage
United Kingdom
International

Document Types
- Journal Articles
- Books
- Reports

Publisher

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Sample Document

HSELINE: Health and Safety

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TI
IGNITED RELEASES OF LIQUID HYDROGEN: SAFETY CONSIDERATIONS OF THERMAL AND OVERPRESSURE EFFECTS

AU,AUFN,AULN
Hall, J; Hooker, P; Willoughby, D. **International Journal of Hydrogen Energy** 39.35. (Dec 2014). 💲 Pricing

Highlighting: Off | Single | Multi

AB
⊟ **Abstract (summary)**   Translate

If the 'Hydrogen Economy' grows, then more hydrogen fuelling stations will be required. At present, there is an absence of a hydrogen distribution network, so liquid (LH2) hydrogen road tankers will supply these stations. The aim of this research was to determine the hazards and severity of a realistic ignited spill of LH2. The resulting data was used to propose safety distance for LH2 offloading facilities that will help to update and develop guidance for codes and standards. The authors, Jonathan Hall, Phillip Hooker and Deborah Willoughby are members of staff of the Health and Safety Laboratory.

⊟ **Indexing (details)**   ☰ Cite

SU,IF	**Identifier (keyword)**	Secondary explosions, Thermal radiation, Overpressure, Vapour cloud
TI	**Title**	IGNITED RELEASES OF LIQUID HYDROGEN: SAFETY CONSIDERATIONS OF THERMAL AND OVERPRESSURE EFFECTS
AU	**Author**	Hall, J; Hooker, P; Willoughby, D
LA	**Language**	English
SL	**Language of abstract**	English
DTYPE	**Document type**	Report
PUB	**Publication title**	International Journal of Hydrogen Energy
SRC	**Source details**	International Journal of Hydrogen Energy; Dec. 2014, vol.39, no. 35, 20547-20553
VO	**Volume**	39
ISS	**Issue**	35
PG	**Pagination**	20547-20553
PSTYPE	**Notes**	Originally presented as a conference paper at ICHS 2013: International Conference on Hydrogen Safety, Brussels, Belgium, 9-11 October 2014.
NT	**Publication date**	Dec 2014
PD,YR	**Source attribution**	HSELine, © Publisher specific
	Accession number	545489
AN	**Document URL**	http://search.proquest.com/professional/docview/1628888743?accountid=166878
	First available	2014-12-01
FAV	**Updates**	2014-12-01
UD	**Database**	HSELINE: Health and Safety (1977 - current)

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Search Fields

Field Name	Field Code	Example	Description and Notes
Abstract	AB	ab("hydrogen economy")	Use adjacency and/or Boolean operators to narrow search results.
Abstract present	ABANY	(organi?ation* PRE/2 chang*) AND abany(yes)	Add: AND ABANY(YES) to a query to limit retrieval to records with abstracts.
Accession number	AN	an(545489)	A unique document identification number assigned to every record.
All fields	ALL	all(codes NEAR/1 standards)	Searches all fields in bibliographic databases. Use adjacency and/or Boolean operators to narrow search results.
All fields	--	codes N/1 standards	Same as ALL field code. Searches all fields in bibliographic databases.
Author affiliation	AF	af("health and safety executive")	Includes as much data as is available in the original document, such as department, organization, address, city, state, country, author email, etc.
Author[1] Author First Name Author Last Name	AU AUFN AULN	au(willoughby d*) au(d*) au(willoughby)	Includes all Authors.
First author	FAU	fau("hall, j")	First name listed in Author field.
Corporate author	CA	ca(warwick university)	Displays as Corporate/institutional author.
Document title	TI	ti("ignited releases of liquid hydrogen")	Includes Alternate Title & Original Title (OTI), but not Publication Title (PUB).
Alternate title	OTI	oti(attitudes) oti(PRUFBERICHT ZU PRUFBESCHEINGUNGSNU MMERN)	Includes both Alternate and original-language of document title, if available.
Document type	DTYPE	dtype(report)	
Edition	EN	en(second or 2nd)	Present in relatively few records.
First available	FAV	fav(20141201)	Indicates the first time a document was loaded in HSELINE. It will not change however many times the record is subsequently reloaded, as long as the accession number does not change.
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Issue	ISS	iss(35) iss(s*)	
Journal title	JN	pub(international journal of hydrogen energy)	See also Publication title.

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[1] A Lookup/Browse feature is available for this field in the Advanced Search dropdown or in Browse Fields.

[2] Click the "Field codes" hyperlink at the top right of the Advanced Search page. Click "Search syntax and field codes", then click on "FDB command" to get a list of database names and codes that can be searched with FDB.

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Field Name	Field Code	Example	Description and Notes
Keyword/identifier	IF	if("thermal radiation")	Author keywords. Also searchable with SU.
Language	LA	la(english)	The language in which the document was originally published.
Language of abstract	SL	sl(english)	
Notes	NT	nt(international conference on hydrogen safety AND 2013)	General notes such as content details or availability, or Biographical notes.
Pagination	PG	pg(20547-20553)	The start page is searchable on the Look Up Citation page.
Publication date	PD	pd(201412) pd(>=20130101)	Date range searching is supported.
Publication title[1]	PUB	pub("international journal of hydrogen energy")	You can also use JN for searching just the journal title.
Publication year	YR	yr(2014) yr(2010-2012) yr(>2013)	Date range searching is supported.
Publisher	PB	pb("oxford university press")	Name and/or location can be present. Health and Safety Executive often abbreviated to "HSE".
Series title	SR	sr(bulletin no fod 2-2014)	Present in relatively few records
Source information	SRC	src(dec 2014)	Includes Publication Title, Issue, Volume, ISSN, Publication Date, and Pagination. Also searchable via the Look Up Citation tool.
Subjects[1]	SU	su(overpressure)	Also searchable with IF field code.
Title	TI	See Document Title	
Updates	UD	ud(2014-12-01)	
Volume	VO	vo(39)	Also searchable via the Look Up Citation tool.

Search Tools

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View[4]	Description	Online	Export/ Download
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Citation/Abstract	Complete bibliographic record	✓	✓
Full text	The complete record with full text	✓[6]	✓
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