



The International Pipe Line & Offshore Contractors Association

HSE Committee

www.iploca.com

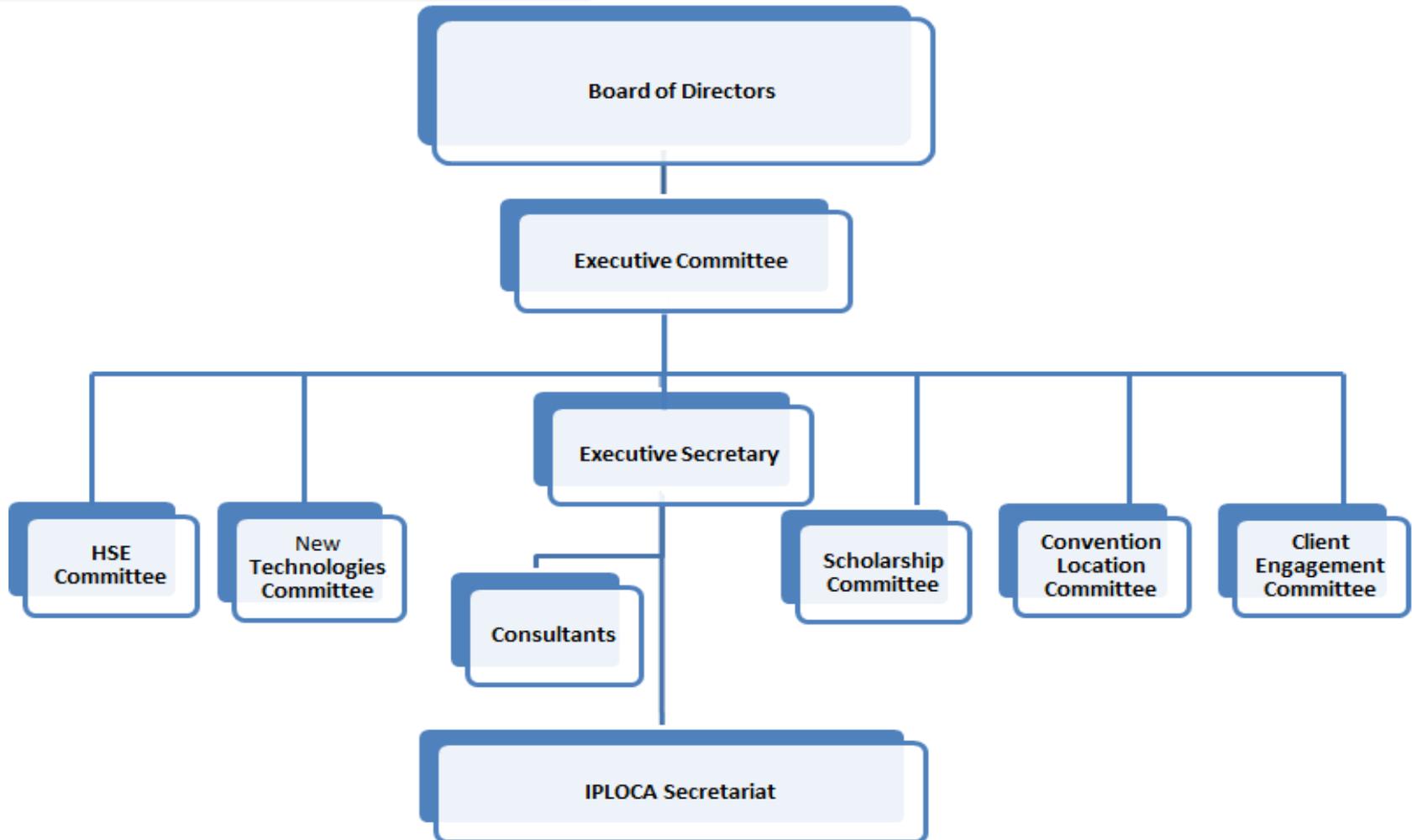


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INTERNATIONAL PIPE LINE
& OFFSHORE CONTRACTORS ASSOCIATION



IPLOCA Leadership





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Mission: IPLOCA's mission is to provide value to members through a forum for sharing ideas, engaging the industry and its stakeholders, facilitating business opportunities and promoting the highest standards in the pipeline industry.

**Committee
Initiatives**

Awards

**2 Pillars
to provide
value**

**Annual
Convention**

**Regional
Meetings**

Value to members and recognition by key
Oil & Gas Stakeholders

Networking & Social Engagement

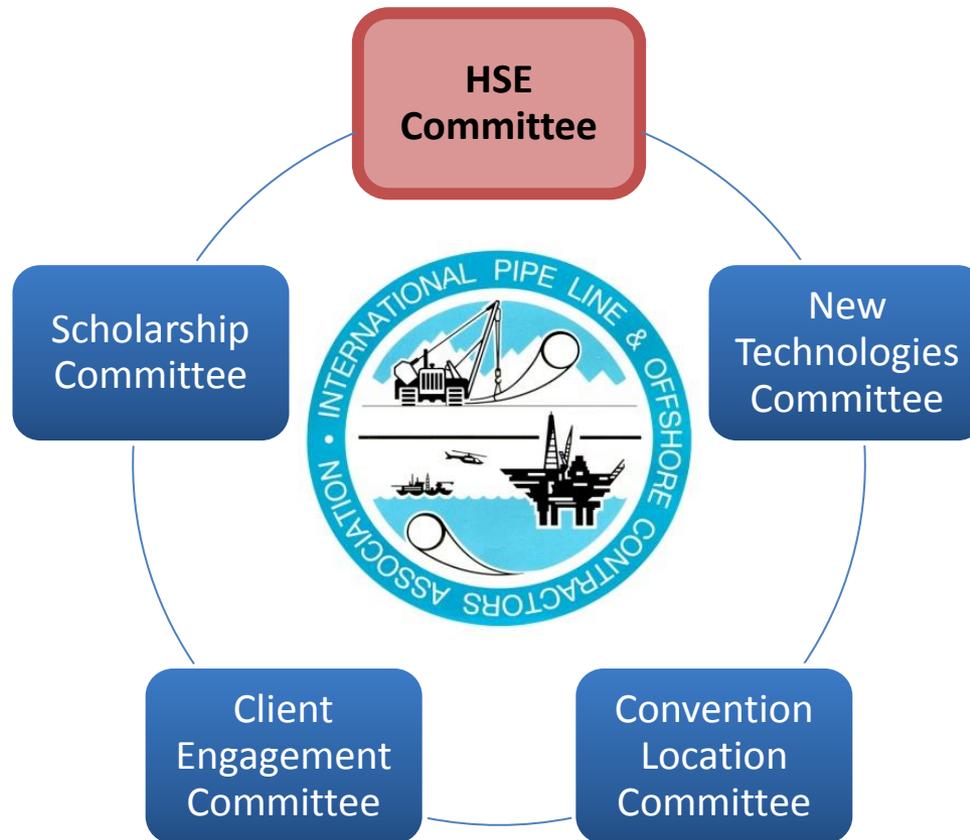


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Committee Initiatives & Awards



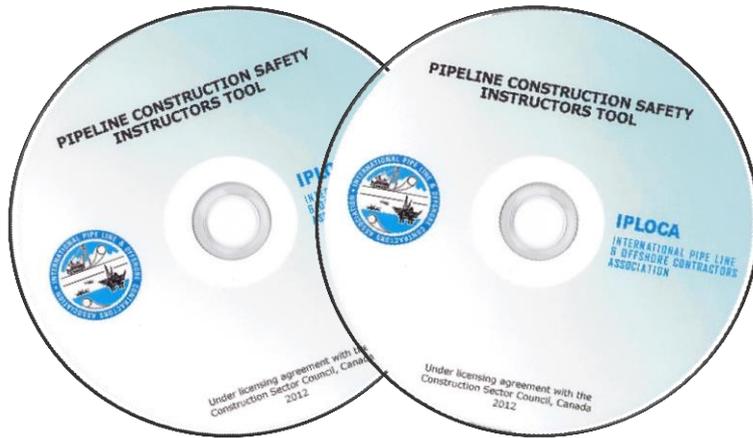


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HSE E-Learning Program



- Training tool for all workers
- Specifically developed for Pipelines
- Includes images and videos
- Adapted to all countries
- Created with the support of Canada
- Can be uploaded on Intranets





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Health & Safety Statistic Annual Reports

Overall Results

IPLOCA has been collecting health and safety statistics from member companies since 1999. We continue to strive to meet our objective of receiving 100% returns from our Regular Members which will result, obviously, in our being able to communicate more representative data.

Fatalities

Year	Fatalities
2008	23
2009	21
2010	19
2011	26
2012	21
2013	11

Fatality Frequency Rate

Year	Fatality Frequency Rate (per million worked hours)
2008	0.031
2009	0.027
2010	0.028
2011	0.042
2012	0.034
2013	0.017

Lost Time Injury Cases (LTI)

Year	LTI
2008	869
2009	864
2010	782
2011	816
2012	1,208
2013	782

LTI Frequency Rate

Year	LTI Frequency Rate (per million worked hours)
2008	1.19
2009	1.09
2010	1.10
2011	1.40
2012	1.90
2013	1.21

Lost Work Days (LWD)

Year	LWD
2008	15,579
2009	24,892
2010	16,987
2011	26,216
2012	31,206
2013	19,759

LWD Severity Rate

Year	LWD Severity Rate (per million worked hours)
2008	21.30
2009	31.83
2010	23.17
2011	42.56
2012	49.98
2013	38.96

Total Recordable Incident Rate (TRIR)

Year	TRIR
2008	3.78
2009	4.46
2010	4.30
2011	6.96
2012	7.48
2013	2.53

Total Recordable Incident Cases are calculated with number of Fatalities (FTI), Lost Time Injuries (LTI), Medical Treatment Cases (MTC) and Restricted Work Cases (RWC).

Definitions for Split of LTI

- Involving falls**
An incident as a direct result of working at height (higher than waist level above the surrounding grade level or surface, crane, scaffolding, etc.) but not limited to falls as a direct result of the erection, dismantling or use of any type of scaffolding, including the use of fixed and moving ladders.
- Excavation/earth collapse**
An incident as a direct result of any kind of earth moving operation, be it by hand or with machines or explosives.
- Confined spaces**
Accident resulting from a limited working space.
- Impact with construction equipment**
An incident as a direct result of operating a piece of construction equipment or machinery including, but not limited to, pumps, compressors, mixers, turbines, blenders, earth moving equipment, etc.
- Working operations**
Accident occurring as a consequence of welding operations, including but not limited to arc burn.
- Hazardous substances**
Accident occurring when processing, handling or transportation of a hazardous or toxic substance. Accidents occurring when processing, handling or transportation of a hazardous or toxic substance.
- Other**
Accident that cannot be logically classified into any of the categories above.

Road Traffic Incident (RTI)

A road traffic incident (accident) is any incident involving a motor vehicle which results in death or injury.

Working operations

Operations resulting from the use of a lifting machine, but not limited to falling object, collision with breaking of machinery, etc.

Height/scaffolding

Direct result of working at height (higher than waist level above the surrounding grade level or surface, scaffolding, ladders etc.

Use of hand tools

Direct result of the use of hand tools and equipment, including but not limited to powered or non-powered hand-held saw, wrench, grinder, hammer, chisel, drill machine, blow torch, etc.

Restricted Work Cases (RWC)

Year	RWC
2008	2,777
2009	3,058
2010	305
2011	305
2012	305
2013	305

RWC Frequency Rate

Year	RWC Frequency Rate (per million worked hours)
2008	0.76
2009	0.76
2010	0.76
2011	0.76
2012	0.76
2013	0.76

Medical Treatment Cases (MTC) Not including First Aid

Year	MTC
2008	2,206
2009	2,809
2010	3,197
2011	3,078
2012	2,965
2013	1,207

MTC Frequency Rate

Year	MTC Frequency Rate (per million worked hours)
2008	3.15
2009	4.30
2010	4.62
2011	5.26
2012	4.75
2013	1.60

Road Traffic Incidents / Accidents

Year	RTI
2008	973
2009	728
2010	802
2011	773
2012	585
2013	608

RTA Frequency Rate

Year	RTA Frequency Rate (per million worked hours)
2008	1.34
2009	0.90
2010	1.01
2011	1.24
2012	0.86
2013	1.01

Near Misses

Year	Near Misses
2008	6,109
2009	24,868
2010	20,868
2011	11,711
2012	4,897
2013	7,088

NM Frequency Rate

Year	NM Frequency Rate (per million worked hours)
2008	8.36
2009	34.45
2010	30.52
2011	16.51
2012	6.78
2013	10.91

HSE Training Hours

Year	HSE Training Hours
2008	7,784,841
2009	8,838,161
2010	11,914,942
2011	10,838,749
2012	8,884,430
2013	4,977,801

HSE Training Frequency Rate

Year	HSE Training Frequency Rate (per million worked hours)
2008	10.68
2009	12.06
2010	16.36
2011	14.68
2012	11.85
2013	6.78

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Environmental Statistics Annual Reports

2013 IPLOCA Environmental Statistics Report

Message from the HSE Committee

The IPLOCA HSE Committee has reviewed carefully the 2013 Environmental statistics received from members. We are now in the 4th year of submission and the rate of response remains high at 70% of Regular Members, showing a stabilisation from last year. The HSE Committee will continue its actions to try and obtain a higher rate of return, in order to provide more valuable information to all members.

Statistics received show an increasing number of companies using an EMS, with a record rate of 86%. This, together with the very interesting large panel of environmental initiatives, is extremely encouraging and shows that our industry is more and more actively engaged in the preservation of our environment.

Introduction

With members in more than 40 countries, IPLOCA is proud to represent some 255 of the key players in the onshore and offshore pipeline construction industry worldwide. IPLOCA recognises the pipeline industry's responsibility to the community regarding social and environmental protection and is committed to actively promoting the adoption of all practicable measures to ensure that pipeline planning, engineering and construction are conducted efficiently in a sustainable, social and environmentally responsible manner.

IPLOCA is always looking at new initiatives and established the Environmental Statistics Return Form in 2010.

The goal of this form is to respond to growing worldwide trends in environmental accountability. IPLOCA's hope is that this form will serve members who are already active in the environmental assessment domain, and serve as an example to those who have yet to undertake any such action.

We strongly encourage all Regular Members and Associate Members who have field construction activities to provide this information so that the entire membership can benefit from the aggregated information.

Number of Submissions

Year	Number of Submissions
2010	69
2011	88
2012	88
2013	97

The 2013 IPLOCA Environmental statistics were derived from data provided by 62 Regular Members (70% of total Regular Membership), and 5 Associate Members.

Worked Hours (inclusive of overtime)

Year	Worked Hours (in millions)
2010	420
2013	675

The number of hours is present in the work permit, employment, etc. This does not include personal offices staff.

Environmental Management Systems

Application of an EMS by IPLOCA Members

Year	Yes	No
2010	77%	23%
2013	86%	14%

A high adoption rate of EMS's exists within the IPLOCA membership.

ISO 14001 certified IPLOCA Members

Year	Yes	No
2010	70%	30%
2013	70%	30%

The ISO 14001 environmental management system certification has a 70% adoption rate - clearly a leading certification in the pipeline industry.

CO₂ Emissions

Calculation of CO₂ Emissions

Year	Yes	No
2010	36%	64%
2013	40%	60%

38% of the members choose to use CO₂ emissions as an indicator of their environmental performance, and 45% choose to apply a carbon emission reduction policy.

Application of a Carbon Emission Reduction Policy

Year	Yes	No
2010	40%	60%
2013	45%	55%

Environmental Incidents (per million worked hours)

Year	Liquid release	Waste disposal	Air release	Other environmental incidents
2010	0.04	0.01	0.01	0.01
2011	0.07	0.01	0.01	0.01
2012	0.07	0.01	0.01	0.01
2013	0.05	0.01	0.01	0.01

Major vs. Minor Incidents

Category	Major	Minor
Liquid release	4%	96%
Waste disposal	2%	98%
Air release	22%	78%
Other environmental incidents	47%	53%

For complete details on classification of incidents, please visit our website: www.iploca.com



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A black and white photograph of a person's hands holding a white rectangular sign. The person is wearing a dark, long-sleeved shirt. The sign is held in front of their chest and has the word "WORKSHOP" written on it in a bold, black, hand-drawn font. The background is a plain, light color.

WORKSHOP



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IPLOCA HSE AWARDS

Giving “value” to our members

- Rewarding those members who are “Leading by example”
- Sharing with all our members all these initiatives
- Helping to identify “what else could be done”



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Health & Safety Award sponsored
by Chevron



- Annual Award
- Rewarding members who submit innovative systems or initiatives.
- IPLOCA HSE committee reviews entries, and designates winner and runners up
- Entries of the winners are published in our website www.iploca.com



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Environmental Award sponsored
by Shell



- Every Alternate Year Award: 2008 - 2010 – 2012 – 2014 – 2016..
- Rewarding members who submit innovative systems or initiatives
- IPLOCA HSE committee reviews entries, and designates winner and runners up
- Entries of the winners are published in our website www.iploca.com



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Corporate Social Responsibility
Award sponsored by Total



TOTAL



- Every Alternate Year Award: 2011 – 2013 – 2015...
- Rewarding creative initiatives with large community impact with small investment
- IPLOCA HSE committee reviews entries, and designates winner and runners up
- Entries of the winners will published in our website www.iploca.com



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IPLOCA repository system

Giving “value” to our members

- On-line repository system to upload “Safety Alerts”
- Sharing lessons learned to help others
- Soon available to everyone



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- NT AWARD 2015
- ROAD TO SUCCESS
- ABOUT IPLOCA
- BOARD OF DIRECTORS
- MEMBERSHIP CENTRE
- HSE
- HSE COMMITTEE
- Safety repository
- 24 March 2015 Meeting
- HSE Committee Members
- HSE Committee Meetings
- H&S Statistics Documentation
- H&S Award Documentation
- Environmental Statistics documentation
- Environmental Award Documentation
- CSR Award Documentation
- NEW TECHNOLOGIES
- AWARDS

Safety repository

The aim of this repository is to offer IPLOCA members a useful and user friendly database for lessons learned and best practices.

All IPLOCA members are strongly encouraged to submit documents to hse@iploca.com

- [Guidelines](#)
- [Template](#)

Category
 Type of activity
 Year

Description	Category	Type of activity
Camp fire		
Safety Talisman Program		
Hazardous substances 2014		
Code Safe Video		
Leading Behaviour Campaign		
Description		

HSE INITIATIVE

Workshop on "The Role of Safety Myths in the Prevention of Incidents"

1 July 2015
Geneva, Switzerland



[> more](#)

2015 CONVENTION NEW



Register Now

[> more](#)

ROAD TO SUCCESS WIKI