International Association of Oil & Gas Producers

50 Years 1974-2024

Key Publications



Energy Transition



REPORT 647

Guidelines for the design and operation of flare gas recovery systems

These Guidelines focus on continuous flaring sources in normal operations and address measures for source recovery, flare closure, and flare ignition. This Report has been developed to assist engineering and operations staff at production, refining, and petrochemical owners and operators, and engineering staff at design consultancies and at engineering, procurement, and construction contractors.

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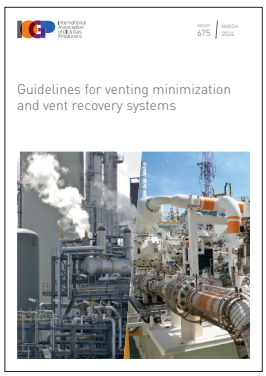


REPORT 661

Recommended practices for methane emissions detection and quantification technologies – upstream

This Report provides oil and gas operators with a framework and guidelines to help select and deploy methane emissions detection and quantification technologies that are tailored to their sites and objectives. It is accompanied by an online technology filtering tool, detailed technology data sheets covering over fifty technologies, and decision trees to guide deployment.

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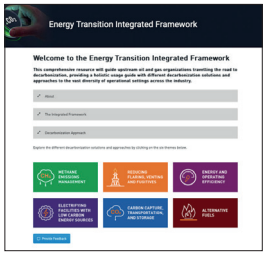
REPORT 675

Guidelines for venting minimization and vent recovery systems

This guideline identifies venting sources and discusses the design and operation of vent systems and Volatile Organic Compound (VOC) recovery systems, as well as the situations in which these systems can be employed to minimize venting.

This guidance has been developed to assist engineering and operations staff at upstream production facilities and may be useful to midstream and downstream owners and operators, engineering staff at design consultancies, and engineering, procurement, and construction contractors.

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IOGP Energy Transition framework

IOGP to step up as a catalyst and an enabler to help the industry drive low carbon projects and operations, and support the need for:

- Standardization, rapid adoption & repeatability to enable massive scale up across the whole Industry globally
- Transformative lower carbon technologies for new and existing assets

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Engineering



REPORT 624-02-01

Technical specification for calibration and verification of offshore surface survey and positioning systems

This document provides a global common industry technical specification for surface positioning sensor and system calibration and verification, during mobilization and on an ongoing basis. It covers the Online Survey and Positioning System, Global Navigation Satellite Systems (GNSS), Attitude and Heading Reference Systems (AHRS) and Inertial Navigation System (INS).

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REPORT 636

Supplementary Specification to IEC61511 - Safety instrumented systems for the process industry sector

This supplement has been developed to support owner/operating company standards harmonization for safety instrumented systems. This document acts as a supplement to the established industry standard IEC61511.

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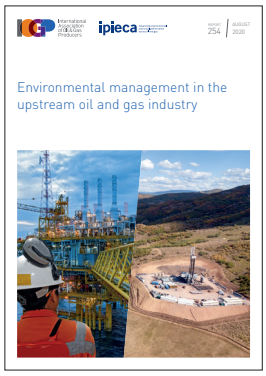
REPORT 665

Design guidance for subsea carbon capture and storage systems

This Report provides guidance to designers and developers of carbon capture and storage (CCS) systems with all, or portions, of the system located underwater. Subsea CCS projects are new and no standards or clear regulations for their design exist. This Report is intended to help designers evaluate key decisions and mitigate risks unique to a subsea CCS system. Additionally, the document refers to other documents that will aid in specification and design of a subsea CCS system. Unique aspects of subsea CCS systems are highlighted and recommendations or options to address design decisions are offered.

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Environment



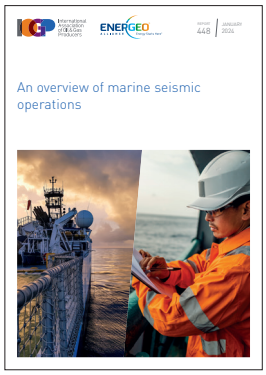
REPORT 254

Environmental management in the upstream oil and gas industry

This Report provides a detailed overview of environmental management practices in the upstream oil and gas industry.

The guidance and techniques detailed in this Report are intended for use by oil and gas professionals, governments, academics, and civil society organisations involved in environmental performance within the upstream segment of the industry. The primary focus of this Report is on managing the risk from potential impacts to the natural environment during exploration and production of oil and gas.

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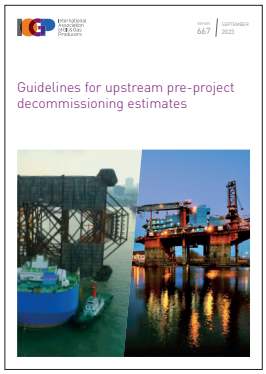
REPORT 448

An overview of marine seismic operations

The Report provides an overview of marine seismic operations. Seismic surveying is commonly used in the industry for both exploration and monitoring of producing fields. The same seismic principles also apply to offshore CO_2 storage projects.

The Report aims to provide a common ground for operator(s), local regulatory bodies, or public stakeholders on understanding the methods, technology and terminology used for marine seismic operations.

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REPORT 667

Guidelines for upstream pre-project decommissioning estimates

This Report provides guidance on the development and maintenance of preproject technical cost estimates for upstream oil and gas industry asset decommissioning, with particular emphasis on estimates for asset retirement obligations.

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Europe

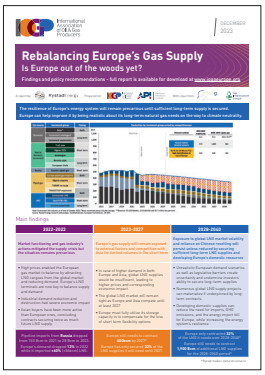


Creating a sustainable business case for CCS value chains – the needed funding and de-risking mechanisms

This paper focusses on the discussion of needed funding and de-risking mechanisms.

It describes the complex CCS value chains and its costs, describes CO_2 storage project development phases, provides an overview about funding mechanisms, informs about the status of 8 major CO_2 storage projects and related development barriers, and it provides policy recommendations.

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Rebalancing Europe's Gas Supplies

Building on the popular 2022 edition, this comprehensive report on European gas supplies charts recent trends, explores forecasts, and maps out supply challenges and options to rebalance them. Crucially, it then details a corresponding set of recommendations for policymakers.

Released in December 2023, the report was commissioned by IOGP Europe and the API to Rystad Energy. ENTSOG and Gas Infrastructure Europe also provided technical input.

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IOGP Europe Manifesto 2024-2029

IOGP Europe's Manifesto 2024-2029 outlines the challenges and opportunities facing our industry in the short to medium term.

The manifesto outlines corresponding proposals for policy initiatives to address these challenges during the next European legislative cycle.

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Safety



REPORT 423

HSE management – guidelines for working together in a contract environment

This report describes a process by which clients can:

- select suitable contractors
- set out expectations and requirements
- award contracts
- manage all the phases of the contracting process

with a view to improving client and contractor management of HSE risks for contracted activities.

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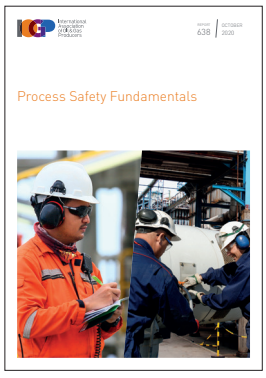
REPORT 459

IOGP Life-Saving Rules

With the revision of Report 459, IOGP launched a simplified set of Life-Saving Rules to provide workers in the industry with the actions they can take to protect themselves and their colleagues from fatalities.

IOGP aims to improve the level of industry-wide adoption across the global oil and gas industry.

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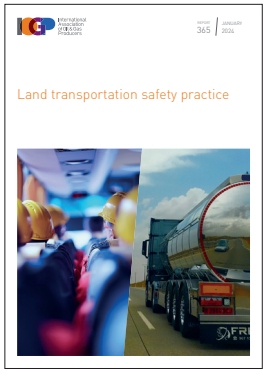


REPORT 638

Process Safety Fundamentals

Designed to support those working in front-line operations, maintenance, and on wells teams, the IOGP Process Safety Fundamentals are informed by data and designed to draw attention to situations that are most likely to lead to process safety event fatalities. They are therefore not intended to exhaustively address all process safety risks and hazards in the oil and gas industry, but to be deployed in addition to a company's underlying systems for process safety management.

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REPORT 365

Land transportation safety practice

Land transport related incidents are historically the single largest cause of fatalities in IOGP Member Company operations. All companies operating land transportation, or providing services involving land transportation, should have a management system in place that covers land transportation operations and is based on a full assessment of risks and mitigations. This Report is based on experience and current practices that have proven effective in reducing serious incidents.

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Joint Industry Programmes



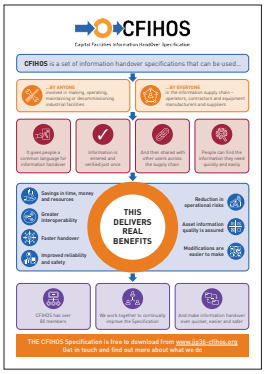
REPORT 796

JIP33 standardized procurement specifications implementation guide

This document describes best practices on how to adopt and implement IOGP-JIP33 Standardized Procurement Specifications.

This document provides guidance to all functions engineering, purchasing, and manufacturing equipment within operators, engineering, procurement, and construction (EPC) contractors, and suppliers in the petroleum and natural gas industries.

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JIP36 - Capital Facilities Information Hand Over Specification (CFIHOS)

CFIHOS currently has 83 organisations participating, with over 400 SMEs contributing to the development of the specification across multiple industry sectors.

The purpose of CFIHOS is to create a handover specification that can be implemented by operators, contractors, and equipment manufacturers and suppliers to standardize the information handover requirements for a project. That is required to own, operate, maintain a facility safely, efficiently and demonstrate compliance to the regulator.

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JIP33 Awareness Training Video

Enabling the industry to achieve value from JIP33 and supply chain optimisation for standardised equipment, the JIP33 Awareness Training Video sets out the fundamentals of standardised procurement specifications and how to work best with them. It explains the importance of maintaining the integrity of specification requirements, how digital tools in the development of the specifications, how supply chain stakeholders can participate in the process, and finally how success is measured in the programme.

All JIP33 specifications are available FREE for use by anyone, recognising the more they are used, the more efficiencies they will create across in our industry.

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International Association of Oil & Gas Producers

50 Years 1974-2024

Membership

IOGP has 94 Members (as of 1 Aug 2024)

Companies

Associations

Associate Members

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