



International
Association
of Oil & Gas
Producers



JIP33 - Standardizing procurement specifications





International
Association
of Oil & Gas
Producers



MAJOR OPERATORS SPONSORING IOGP- JIP33

Among the many companies and suppliers participating in JIP33, the following major operators have committed to support and resource JIP33:

- ***BP***
- ***Chevron***
- ***Conoco Philips***
- ***ENI***
- ***Equinor***
- ***Exxon Mobil***
- ***Petrobras***
- ***Petronas***
- ***Saudi Aramco***
- ***Shell***
- ***Total***
- ***Woodside***



International Association of Oil & Gas Producers



Find out more about IOGP and JIP33:

[IOGP](https://www.iogp-jip33.org/)

<https://www.iogp-jip33.org/>

IOGP Members:

<https://www.iogp.org/members/>



Our Members

- We have 78 Members.
- | | | |
|---|--|--|
| <p>Upstream members</p> <ul style="list-style-type: none"> • Abu Dhabi National Oil Company (ADNOC) • Aker BP • Asakva Energy • Beach Energy • BHP • bp plc • BVM Energy • Cairn Energy • DCI Energy Development • Genus Energy • ODESA EP • Odebrecht Corporation | <ul style="list-style-type: none"> • MOL Group • Nalcor Energy • North Caspian Operating Company (NOCOC) • Norin Oil Company • Oil Search Ltd • OXY • Pan American Energy • Petrobrás • Petrobras Brasileiro SA (Petrobras) • PETRONAS • PDVSA • PLUSPETROL SA • PTT Exploration and Production | <p>National and other associations</p> <ul style="list-style-type: none"> • American Petroleum Institute (API) • Australian Petroleum Production & Exploration Association (APPEA) • Bundesverband Erdgas, Erdöl und Steinkohle e.V. (BDEW) • Canadian Association of Petroleum Producers (CAPP) • Energy Institute (EI) • IAPIG • Instituto Brasileiro de Petróleo, Gás e Biocombustíveis (IBP) • International Association of Drilling Contractors (IADC) |
|---|--|--|

IOGP- JIP33 documentation Structure :

Supplementary Specification to an industry standard

- Containing a set of “minimum requirements” sufficient to purchase equipment that meets
- the functional needs of users.

An **Information Requirements Specification** or “**IRS**”

- Containing a list of pre-defined documents and contents required to be delivered by the supplier

A **Quality Requirements specification** or “**QRS**”

- Containing the quality management system, inspection and testing activity

An **Equipment Data Sheet Template**

- Containing the options, the purchaser wishes to select, and project and design requirements



IOGP JIP 33 Published

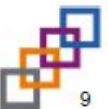
- **Operator and Mounting Kits for Subsea and Pipeline Valves (API)** - S-731
- **DC UPS and Associated Batteries (NEMA PE5)** - S-741
- **Deluge Skids** - S-737
- **Metal-Enclosed LV Power Circuit Breaker Switchgear (IEEE)** - S-727
- **LV AC Drives (IEC)** - S-736
- **Diesel Engines** - S-711
- **Reciprocating Positive Displacement Pumps** - S-728
- **Flanged Steel Pressure Relief Valves** - S-730
- **Subsea Fasteners (Recommended Practice for Application)** - S-726
- **Subsea Fasteners (Corrosion-resistant Bolting)** - S-725
- **Subsea Fasteners (Alloy and Carbon Steel Bolting)** - S-724
- **Small Bore Tubing and Fitting** - S-716
- **High Voltage Three Phase Cage Induction Motors (IEC 60034-1)** - S-704
- **Low Voltage Motor Control Centers (UL 845)** - S-732
- **Electric Process Heaters** - S-723
- **Batteries (IEC)** - S-740
- **Insulation for Piping & Equipment** - S-738
- **AC Uninterruptible Power Supply (UPS) (PIP ELSAP04)** - S-734
- **Transformers (IEC 60076-1)** - S-720
- **Low Voltage Motors (IEEE Std 841)** - S-733D
- **Actuators for On-off Valves** - S-707
- **AC Uninterruptible Power Systems (UPS) (IEC 62040-3)** - S-701
- **DC Uninterruptible Power Systems (UPS) (IEC 62040-5-3)** - S-702
- **Flare Package** - S-722
- **Subsea Pipeline Valves** - S-708
- **Special Purpose Gear Units** - S-713
- **General Purpose Gear Units** - S-712

46 JIP33 specifications published so far



All JIP33 specifications are FREE to download and available for use by everyone.

The more the JIP33 specifications are adopted, the more opportunities there are for efficiencies in our industry.





2022 Scheduling – New topics

Specification	Timing (2022)
Synchronous Motors & Generators	Q2
Butterfly Valves	Q1
Plate Heat Exchanger	Q2
Flare Gas Recovery Unit	Q3
Fiscal Metering	Q2
Machinery Protection System	Q2
Lubrication, Shaft-Sealing, and Control-Oil Systems and Auxiliaries	Q2
HV Motors (NEMA)	Q2



How Do We Measure JIP33 Benefits?

Corporate Adoption

- Approved for use on projects by the participating companies technical authorities
- Available in the companies technical library

Project Adoption

- Listed in a project's Basis of Design document
- Included with a Request for Quotation
- Included as part of a Purchase Order



•Cost

- Baseline and Normalize pre-JIP33 costs
- Track costs and Correlate to JIP33 adoption
- Challenge: Ability to differentiate JIP33 cost influence from other market factors, such
- as commodity pricing.

•Schedule

- RFQ-to-Award
- Award-to-Delivery
- Challenge: Ability to differentiate JIP33 schedule influence from other market factors, such as shop loading.

•Quality

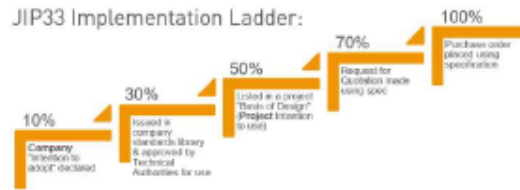
- NCR Performance





OpCo's JIP33 Adoption Dashboard – Sept 2021 Ph 1&2

JIP33 Implementation Ladder:



Companies responded

9

Specifications in Survey

14

% Responses of at Least "Intend to Adopt"

92% ▾ =% from Mar 2021

Average Adoption of Technical Requirements

59% ▲ +2% from Mar 2021

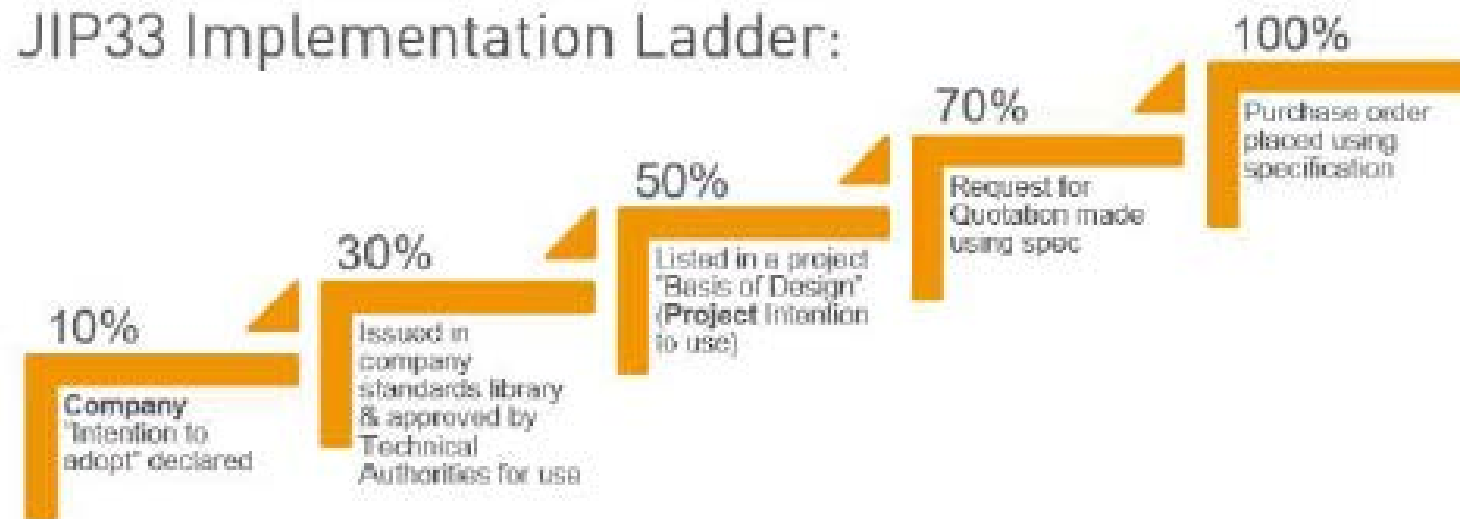
Average Progress (Supplementary Specification only)

Full Title	OpCo1	OpCo2	OpCo3	OpCo4	OpCo5	OpCo6	OpCo7	OpCo8	OpCo9	OpCo10	OpCo11	OpCo12
S-560 LV Switchgear	70%	30%	30%	30%	100%	100%	100%▲	70%	30%	100%	100%▲	100%
S-561 Subsea Trees	50%	50%	30% ▾	0%	100%	100%	50%	100%	70%	NA	NA	0%
S-562 Ball Valves	50%	70%	10%	100%	100%	50%	100%▲	100%	NA	100%	100%▲	100%
S-563 Piping and Valve Materials	50%	50%	50%	10%	100%	50%	100%	100%	10%	100%	100%▲	0%
S-611 Gate Valves	50%	70%	10%	100%	100%	50%	100%▲	70%	NA	100%	100%▲	100%
S-612 Air Compressor	50%	30%	10%	30%	10%	30%	50%	70%	50%	100%	10%▲	100%
S-613 Air Dryer	70%	30%	30%	10%	10%	50%	50%	70%	30%	100%	10%▲	10%
S-614 Heat Exchanger	70%	50%	70%▲	100%	50%	50%	100%	70%	30%	100%	100%▲	100%
S-615 Centrifugal Pumps	70%	30%	70%	30%	10%	50%	100%▲	70%	10%	30%	100%▲	10%
S-616 Line Pipe Material	70%	30%	10%	10%	0%	50%	10%	70%	NA	100%▲	10%	10%
S-617 Offshore cranes to EN Standard	100%	50%	30%	10%	50%	50%	50%	NA	30%	30%	100%▲	NA
S-618 Offshore Cranes to API Standard	70%	100%	70%	10%	NA	70%	50%	70%	30%	NA	NA	100%
S-619 Unfired Fusion Welded Pressure Vessels	70%	50%	30%	30%	50%	50%	100%	70%	30%	100%▲	100%▲	100%
S-620 HV Switchgear	70%	30%	30%	30%	70%	100%	100%	70%	10%	100%	100%▲	100%

▲ Indicates increase from Mar 2021



Implementation Ladder



NEW SPECIFICATION DEVELOPMENT

<https://www.iogp-jip33.org/development/>

New specifications are issued for comments.

SPECIFICATION DESCRIPTION	CATEGORY	STATUS	REVIEW DATE	CLOSING DATE	DOWNLOAD
Basic Process Measurement Instruments (S-716)	Equipment - Instruments	Open for public review	10 November 2021	08 December 2021	Download
Diesel Generator Package (S-714)	Package	Closed for comments			
Firewater Pump Package (S-721)	Package	Closed for comments			
Lubrication, Shaft-Sealing and Control Oil	Support	Planned dev - Q2-2022			
Material Data Sheets for Piping & Valve Components (S-563)	Support	Closed for comments			
Low Voltage AC Drives (S-736)	Equipment - Electrical	Closed for comments			
OCTG to Casing and Tubing (S-735)	Equipment - General	Closed for comments			
LV Switchgear & Controlgear (S-590)	Equipment - Electrical	In maintenance			
Line Pipe (S-616)	Equipment - General	In maintenance - closed for comments			
HV Synchronous Machines	Equipment - Electrical	Planned dev - Q2-2022			
HV AC Drives	Equipment - Electrical	In development			
DC UPS & Batteries (NEMA) (S-741)	Equipment - Electrical	Closed for comments			
Control Valves (S-729)	Equipment - Instruments	Closed for comments	08 October 2021	07 November 2021	
Centrifugal Pumps (incl. update to S-615)	Equipment - Mechanical	In maintenance			
Subsea Actuators (S-731)	Equipment - Subsea	In development			
Air Compressor (S-612)	Package	In maintenance			
Shell & Tube Heat Exchangers (S-614)	Equipment - Mechanical	Planned maint - Q1-2025			
Cranes Offshore Pedestal (API 2C) (S-618)	Equipment - Mechanical	In maintenance			
Subsea Trunk (S-591)	Equipment - Subsea	Planned maintenance - Q1-2022			

Feedback is strongly preferred within the digital specification tool JAMA connect

Instructions can be downloaded from the above link.


If returning comments via the digital tool is not possible, please download the document and mark up your comments, it is possible to submit the marked up file to feedback@jip33.org.

FEEDBACK ON SPECIFICATIONS ALREADY PUBLISHED

<https://www.iogp-jip33.org/library/>

Specification Library

All JIP33 specifications are available for use by everyone.
The more the JIP33 specifications are adopted, the more opportunities there are for efficiencies in our industry.
We welcome **feedback** from users on the content of the JIP33 specifications and their experiences in applying them.



Equipment (Electrical)	Equipment (Instruments)	Packages
Equipment (Mechanical)	Equipment (Safety)	Support
Equipment (Other)	All	

- DC UPS and Associated Batteries (NEMA PES) - S-741
- Metal-Enclosed LV Power Circuit Breaker Switchgear (IEEE) - S-727
- LV AC Drives (IEC) - S-726
- High Voltage Three Phase Cage Induction Motors (IEC 60024-1) - S-704
- Low Voltage Motor Control Centers (UL 845) - S-732
- Electric Process Heaters - S-723
- Matheson (MATH) - S-748

JIP33
JOINT INDUSTRY PROGRAMME
Standardizing procurement specifications

ABOUT US NEWS GET INVOLVED SPECIFICATION LIBRARY SPECIFICATION DEVELOPMENT CONTACT US

Get Involved

We need your input and involvement to develop JIP33 specifications that work for everyone and deliver real benefits for the whole oil and gas industry.

Keep in touch with what's happening in JIP33 by signing up to our **Mailing List**. You'll get automatic notifications when new **draft specifications** are published for public review and comment. Each specification has a four-week review period and we'd love to get your input.

We also welcome feedback from users on specifications already published, both their content and your experience of using them. You can use the feedback form below or email us at feedback@jip33.org. All feedback will be considered when the specification is updated.

You can also follow us on **LinkedIn**, on **Twitter** or just **get in touch** if you have any questions about JIP33.

Feedback form

JIP33 Feedback form

<https://www.iogp-jip33.org/getinvolved/>

Feedbacks on already issued specifications from users and from experiences in applying them are welcomed.

See instructions in the above link.



International
Association
of Oil & Gas
Producers



Q&A