



Organiser:

**Indian
Infrastructure**



3rd Edition

FLOW & MEASUREMENT IN OIL & GAS

A VIRTUAL CONFERENCE

Changing Requirements, Growing Challenges and Emerging Technologies

July 9-10, 2020

25 per cent discount before June 23, 2020
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Flow & Measurement in Oil & Gas

Mission

The mission of this conference is to focus on:

- Flow and measurement applications and the current state of technology deployment
- Notable trends and developments relating to the use of flow and measurement solutions
- Noteworthy initiatives and best practices
- Emerging needs and requirements for accurate flow and measurement techniques/instruments in light of Covid-19
- New technologies, advancements and innovations
- Key issues and concerns, and mitigation strategies

Target Audience

The event is expected to draw participation from executives, managers and decision-makers from:

- Upstream oil and gas companies
- Independent shale operators
- Pipeline operators
- Solution providers for data analytics
- Flow meter manufacturers
- System integrators
- Technology providers
- IT solution providers (SCADA, GIS, ERP, etc.)
- Oil refineries
- City gas distributors
- LNG and storage terminals
- Leak detection solution providers
- Pumps, valves and compressors
- Other equipment manufacturers
- Engineering and design firms
- Regulatory agencies, etc.

PREVIOUS SPEAKERS

Goutom Chakraborty

Chief General Manager, O&M, GAIL

Tapas Sarkar

GM and Head, Instrumentation, ONGC

Najmuddin Ahmed

General Manager (E&T), ONGC

Sanjay Kumar Rastogi

Vice President, Technical, Petronet LNG

Ravi Kant Arya

AGM, Instrumentation & Automation, IGL

Nribir Choudhury

Deputy GM, Instrumentation, Oil India

Vijay Bhaskar

Deputy GM, GAIL

Sunil Das

Deputy GM, PNC, IOCL

Kandasamy Mukilan

Deputy GM, Kochi Refinery, BPCL

Shakeel Ahmed

Deputy GM, Instrumentation, ONGC

Chandan Banerjee

Manager, Instrumentation and Automation, Cairn India

Sarvesh Kumar Sharma

Manager, Instrumentation, EIL

Mihir Choudhary

Deputy Manager, O&M, Mahanagar Gas

Archit Garg

Consulting Engagement Manager, Oil & Gas, PwC

Previous Participants

Some of the organisations that have attended our previous oil and gas conferences are: Aarvi Encon, Ambtronics, aLtanova, Arad Ventures, Arya Offshore, Assam Gas, Baker Hughes-GE, Baumer, BORL, BPCL, Borouge, Cairn, Capital Power, CARE Ratings, CUGL, CESC, Chambal Fertilisers and Chemicals, Charotar Gas, Chicago Pneumatic, CINDA Engineering, Clarke Energy, Deepak Fertilisers & Petrochemicals, Directorate General of Hydrocarbons, DNVGL, Dura-Line, E&Y, ElectroMech, Engineers India, ESRI India, Essel Gas, Essel Infracore, Flexim, FLIR Systems, Fluid Controls, Flowtube, GAIL, GE, Goodrich Gaskets, Green Gas, Gujarat Gas, GSECL, GSFC, GSPC, Haryana City Gas, Heath Consultants, H-Energy, HPCL, Hitachi, HNGCL, Honeywell, HP Valves & Fittings, ICF, IDEX, IFFCO, IEX, IOCL, Indian Oil-Adani Gas, Indraprastha GAS, Ingenx Technology, Itron, Jain Irrigation Systems, Jindal Pipes, JSW Steel, Kabsons GAS Equipment, Kimplas Piping Systems, Kirloskar Pneumatic, Kongsberg Digital, Koso Pumps, Leister Technologies, Linde India, Lloyd's Register, Mahanagar Gas, Maharashtra Seamless, MAN Industries, Marubeni, Mecon, Mehta Brothers, Micro Precision Products (Wika Group), Mitsubishi Heavy Industries, Mitsui & Co, Nagman, National Fertilizers, Natural Gas Society, NTPC, Numaligarh Refinery, ONGC, Oil India, Parker Hannifin, PNGRB, Petronas Energy, Petronas LNG, PWC, Rajasthan State Gas, Raychem, Reliance Infrastructure, Renesas Electronics, Rockwell Automation, Rockwin Flowmeter, Sabarmati Gas, Saigal SeaTrade, Sandvik Asia, Sanwariya Gas, SAP, Savair Energy, Scania, Seal For Life, Sealexcel, SENER, SENSIT Technologies, SGS India, Sick India, Siemens, Siti Energy, Swagelok, TANGEDCO, Tata Communications, Technip FMC, Techsol Engineers, Texas Instruments, Thermax, Toyota Tsusho, Tractebel Engineering, Tractors India, Tubacex Group, Tulip Compression, Tulsa GAS Technologies, U3S Chemsolutions, Ultratech, Uniphos Envirotron, Varicon Pumps, etc.

AGENDA/STRUCTURE

OIL AND GAS COMPANIES' PERSPECTIVE: CURRENT DEPLOYMENT STATUS, NEW REQUIREMENTS AND OPPORTUNITIES

- ❖ What is the current state of deployment of flow and measurement solutions? What are some of the noteworthy initiatives and best practices?
- ❖ What are the emerging needs and requirements in light of Covid-19?
- ❖ What are the near- and medium-term opportunities? What are the key challenges?

TECHNOLOGIES AND SOLUTIONS FOR PRODUCTION FACILITIES

- ❖ What are the various flow and measurement technologies and solutions for production facilities (oil and gas fields)?
- ❖ What has been the trend in the uptake of these solutions? What are the issues?
- ❖ What are the new and emerging requirements in light of Covid-19? What are the future plans?

TECHNOLOGIES AND SOLUTIONS FOR TERMINALS & STORAGE FACILITIES

- ❖ What are the various flow and measurement technologies and solutions for terminal and storage facilities?
- ❖ What has been the trend in uptake of these solutions? What are the issues?
- ❖ What are the new and emerging requirements in light of Covid-19? What are the future plans?

TECHNOLOGIES AND SOLUTIONS FOR PIPELINE INFRASTRUCTURE

- ❖ What are the various flow and measurement solutions for gas transportation?
- ❖ What has been the trend in the uptake of these solutions? What are the issues?
- ❖ What are the new and emerging requirements in light of Covid-19? What are the future plans?

TECHNOLOGIES AND SOLUTIONS FOR CGD INFRASTRUCTURE

- ❖ What are the various flow and measurement technologies and solutions for city gas distribution?
- ❖ What has been the trend in the uptake of these solutions? What are the issues?
- ❖ What are the new and emerging requirements in light of Covid-19? What are the future plans?

FLOW METERS AND SENSOR SYSTEMS

- ❖ How has been the oil and gas companies' experience in the adoption of flow meters and sensor systems?
- ❖ What are the new trends and advancements in this field?
- ❖ What are the key implementation challenges? What is the outlook for the segment?

FIELD INSTRUMENTATION AND AUTOMATION PROCESSES

- ❖ What role can control and instrumentation play in flow and measurement applications in the oil and gas sector? How are the requirements expected to change post Covid-19?
- ❖ What are the advanced automation, control and monitoring solutions available in this regard?
- ❖ What has been the uptake of such solutions so far? What are the specific advantages of these solutions?

LEAKAGE DETECTION TECHNOLOGIES

- ❖ What are the different types of technologies and equipment available for leakage detection?
- ❖ What has been the trend in the uptake of these solutions by oil and gas companies so far?
- ❖ What are the new trends and advancements? What are the global best practices?

PRESSURE CONTROL SOLUTIONS

- ❖ What is the equipment used for pressure control?
- ❖ What are some of the promising practices for pressure control? What has been the experience of oil and gas companies in India?
- ❖ What are the biggest challenges faced?

PROCESSING AND COMPRESSION TECHNOLOGIES

- ❖ What are the latest technologies available for processing and compression?
- ❖ What are some of the promising practices for processing and compression? What has been the experience of oil and gas companies in India?
- ❖ What have been the biggest challenges?

MEASUREMENT INSTRUMENTS AND TECHNIQUES

- ❖ What gas measurement instruments and techniques are currently in use in India?
- ❖ What are the new requirements? What are the new trends and advancements?
- ❖ What are some of the best practices in minimising losses and errors?

ROLE OF NEXT-GEN TECHNOLOGIES

(AI, MACHINE LEARNING AND BLOCKCHAIN)

- ❖ What role can advanced technologies like AI, ML and blockchain play in flow and measurement?
- ❖ How has been the global experience?
- ❖ What are the must-haves for implementing these technologies? What are the issues?

Flow & Measurement in Oil & Gas

What differentiates our conferences?

- The **agenda** is developed by our researchers, who track the sector round the year. It is thus **relevant** and **topical**. It is not driven by a particular organisation and does not have a particular slant.
- The **speakers** are **professionals** and **experts** involved in the sector, not a mix of ambassadors, ministers, celebrities and business owners.
- The conferences do not just comprise panels and speeches; they provide a good mix of **expert presentations** and **case histories**, and of course **panel discussions**.
- We have **representation** from **across the country**, as is the case at our physical conferences too.
- Each **stakeholder group** – **policymakers**, **developers**, **financiers**, **consultants** and **relevant NGOs** – is represented at our conferences.
- The moderators merely ask the questions. The **stars** are the **speakers** themselves.
- The **sessions** **begin and end on time**.
- There is adequate time for a **Q&A session** with **each speaker**. These are not “hit and run” speeches.
- The **delegates** are **professionals** who are vested in the sector, and are not just assembled through social media.
- The **participants** in each conference receive a **concise report** outlining the **key facts**, **trends** and **issues** in the sector.
- A **recap** of the conference is also made available to reinforce the key takeaways.

Delegate benefits (Virtual Conference)

- Direct interaction with senior speakers (Q&A facility)
- Easy connectivity to geographically dispersed delegates (click of a mouse)
- Concise report offered as a backgrounder
- Cost effective (lower ticket price as compared to a physical conference)
- Offers flexibility and convenience
- Access to conference recording
- Recap of conference sessions
- Contributes to sustainability and lower carbon footprint

Benefits of sponsorship (Virtual Conference)

- E-Meet influencers and decision-makers/
- Reach out to and engage with new or active prospects
- Generate high quality sales leads
- Increase brand recognition
- Target a captive and engaged audience
- Drive website traffic through social media promotions
- Position your company as the thought-leader in your industry

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Registration Fee

	INR	GST@18%	Total INR	Total USD
1 Login	9,000	1,620	10,620	150
2 - 3 Logins	15,000	2,700	17,700	250
4 - 5 Logins	21,000	3,780	24,780	350
6 - 9 Logins	27,000	4,860	31,860	450
10 - 20 Logins	33,000	5,940	38,940	550

- There is a 25 per cent discount before June 23, 2020
- GST @18 per cent is applicable on the registration fee.
- Registration will be confirmed on receipt of the payment.
- To register online, please log on to <https://indiainfrastructure.com/events/3rd-edition-flow-measurement-in-oil-gas-a-virtual-conference/>

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Payment Policy:

- Full payment must be received prior to the conference.
- Payments for “early bird” registrations should come in before the last date of discount. Discount offers cannot be combined with any other offer.
- Conference fees cannot be substituted for any other product or service being extended by India Infrastructure Publishing Pvt. Ltd.

Organisers

The conference is being organised by **India Infrastructure Publishing**, the leading provider of information on the infrastructure sectors. The company publishes the **Indian Infrastructure** magazine. It organises over 50 conferences annually focused on the infrastructure sectors including **Gas in India**, **City Gas Distribution**, and **IT and OT in Oil and Gas**. It also publishes a report on **City Gas Distribution Market in India**, and **Small-scale LNG Market**, a weekly newsletter (Oil & Gas News) and the **Oil & Gas Directory and Yearbook**.

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