

# Going Global



The Spirit to Walk an Extra Mile ...

www.blissanand.com



## The Leader in Field Instrumentation and in future Engineering Solutions

Bliss Anand is a leading manufacturer of high quality Field Instruments having four decades of proven track record. Carrying forward from our existing vision & commitment, the Group has successfully stepped into global markets having approvals from world's leading Engineering Project Consultants and pledge to create a reliable tomorrow for our customers.

Foreseeing the unique demands of the industries and our clients, we are on the process of continual development & strategic expansion to maintain the balance between supply & demand.

Our products are manufactured in state-of-the-art facilities, which are strategically located across the globe.







Our Team

## Milestones

1975	Establishment
1985	Engineers India Limited (EIL) approval
A2000	Joint Venture - Badotherm, Holland
2008	ERP implementation
2008	Setup 4.5 acres manufacturing facility at Bawa
2009	ASME UV, VR approval
2013	<sup>TTB</sup> liss Anand executed project from Petronas, N
2014	Bliss Anand awarded the following approvals:
	- ADMA, ZADCO & KOC
2014	Blis <mark>s</mark> An <mark>and signs</mark> agreement with Reliance Gro Gauges for Jamnagar J3 Expansion
2014	Bliss Anand Bawal executed exotic material Ma for Kuwait
2014	Bliss Anand receives contract of \$3.25 mn fror
2014	Bliss Anand receives contract from Samsung,
2015	Bliss Anand Energy Division launched, 2/3 Pha Indirect Water Bath Heater, Gas Conditioning F Chemical Injection Skid, Filter Separators / Dry Hydrocarbon Storage Tank.
2015	Bliss Anand's longest Magnetic Level Gauge - Dual Chamber, C-C: 552" (46 ft.), 24 process
2016	Received prestigious award from Petrofac/ Yok Seals
2020	Bliss Anand secures a prestigious single projec

### MISSION

With a strong infrastructure and a sound financial base, Bliss Anand is poised for quantum growth, seeking to achieve a larger market share.

### VISION

To be the World's leading first Field Instrumentation company with world wide approvals, global focus, and be the company of first choise amongst our customers to address their needs across all quality products.

### VALUES

People, our asset, always have been our priority.

It is their dedication and relentless effort that led us to achieve our milestone.



wal (Haryana)

s, Malaysia for their FLNG s:

Group for 1500 Magnetic Level

Magnetic Level Gauges from Saipem

rom Hyundai for Abu Dhabi, UAE<sup>~</sup>

g, Korea for Iraq

Phase Separator System/Skids, g Regulating & Metering System, Dry Gas Filters, Heater Treater and

e ess flange for Interface application

'okogawa for 7500 nos. Diaphragm

ject worth over 100 million USD













### **PRODUCTION FACILITY: BAWAL, HARYANA**

Spreading across 18,000 sq. metres, Bliss Anand's Bawal facility is strategically located on ational Highway-8, connecting northern India to the ports in Gujarat and Mumbai. This ultra modern production facility is equipped with Hi-Tech CNC shop and state-of-the art machineries conveniently accommodated in a 20,000 sq. ft. floor space.



## Level Division - Product Range



### Salient Features

- Titanium floats
- Float failure indication (Safety first)
- No vented / pressurized floats
- Full bore penetration welding
- CRN approved

#### Magnetic Level Gauge



### Salient Features

- Includes a variety of indicating elements.
- Mounting can be screwed or flanged
- Uses specific materials based on need.
- Available with full view or double window.

Sight Flow Indicator



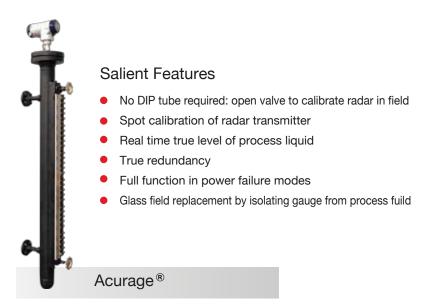




#### Salient Features

- Allows external mounting of process level instrumentation
- Ideal for critical area and general purpose applications
- Enables live maintenance
- Designed to ASMEB31.3
- Pressure Equipment Directive (PED) complaint

#### Bridle Radar Transmitter





#### Salient Features

- High accuracy and repeatability
- 4 to 20 mA HART
- Two channel output (Level & Interface)
- Explosion-proof and Intrinsically safe
- FM & CSA approval
- Enclosure rating to NEMA 4X

### Magnetostrictive Transmitter



## Seal Division - Product Range

### Salient Features

- Highest level of reliability
- 40 micron gold plated seal for Hydrogen service
- Shell approved
- Max. Temperature up to 1100°F
- Web based calculation tool (BaseCal)
- Exotic materials
- 48 types of fill fluids for process requirement
- CRN approved



Remote Seals for Pressure Transmitters

### Salient Features

- Gold Plating (40µ)
- PTFE Foil
- PVC
- PP
- PVDF
- HTDS High Temperature
- Diaphragm Seal (up to 600°C/1112°F)
- LGP for controlling Low
- Gauge Pressures (as low as 10m bar)

**Gold Coated Seals** 





## Energy Division - Product Range

### Wellhead Panel



### Key Highlight

- Modular Design with SS 316 / 316 L Construction or as needed.
- Adequate Power & head to meet the well requirement.
- Easy Operation, Maintenance & Serviceability
- First Time 'Made In India'
- Future proofing & Expandable design.
- Safe & Enviornment protected design.

### Internal Floating Roof

### Key Highlight

- Minimizes Vapour Losses of stored liquids, while saving a lot of money.
- Extremely light weight compared to conventional CS IFR.
- No period maintenance required resulting in cost effectiveness.
- No Painting required required resulting in cost effectiveness.
- Well designed to manage vaccum & pressure flow.
- Reduces pollution while ensuring no harmful vapours are let off to the atmosphere.
- Increases safety while ensuring no explosive vapours are trapped.

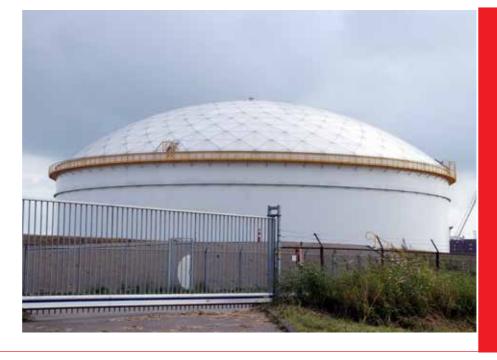




### Key Highlight

- Extremely light weight but extremely strong compared to conventional CS dome, hence very low loads on the tank and foundations.
- Non welding type construction.
- Maintains extremely low temperature inside the tank unlike a CS Dome.
- No or very little maintenance required in the dome's lifetime.
- Strong enough to withstand all environmental factors while ensuring the tank contents remain uncontaminated and odors and vapors are contained.
- No need to dispose of water contaminated due to leaky seals or drains
- No standing water reduces the corrosion & loads of steel parts while also reducing risk of collapse due to accumulation.
- Zero risk of rim fires.

### Aluminium Geodesic Dome





### Key Highlight

- Adequately designed for both vertical and horizontal installation.
- Direct type and Indirect Type
- First time 'Made In India' with such a huge capacity.
- Custom built to suit the process requirement and the client need.
- Fully automated with SDV, PRV, CV, Analyzer, Transmitters, PSV, Duobloc Burnerr, PLC control etc..
- Designed and Manufactured as per international quality norms.
- Lightweight insulation reduces loading weight.
- Resistance to mechanical and thermal shocks.
- Faster start-up and cool down period.



### Testing and R&D Facilities



Positive Material Identification (PMI) Testing

- MTR/ heat traceability of materials
- Quality assured

### Coordinate Measuring Machine (CMM) Testing



- To measure physical, geometrical characteristics of an object
- To ensure quality of all the dimensions
- In-house experts to conduct the tests

### High end Engineering Software in use

accuracy, reliability and dependability.

Our in-house R&D division is well equipped to carry out designing and testing of all of our products. All our products are designed and manufactured at our facilities equipped with cutting edge technologies. Manufacturing is done under strict supervision of our highly qualified engineers and conform to international quality standards such as ASME, ISO, DIN, ANSI, JIS, IBR and CMRI. All our products meet quality requirements of our customers with

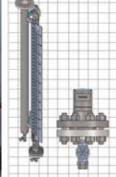


**CFD - Computational Fluid Dynamics** 

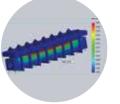
### SOLIDWORKS Engineering 3D Modeling and Product Development Cell



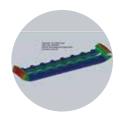
Finite Element Analysis (FEA)



Computational Fluid Dynamics (CFD)



SOLIDWORKS simulation uses FEA methods to calculate the displacements and stresses in our products due to operational loads such as - Forces, Pressure, Accelerations, Temperatures, Contact between Components.



SOLIDWORKS simulation uses CFD analysis to enable quick, efficient simulation of fluid flow and heat transfer.



## Technology

### Cloud Order Tracking System

Realizing the need to serve customers globally, BLISS ANAND has strengthened its network to reach out to its customers far and wide by implementing Bisswalk.com, the Cloud Order Tracker to support customers' online order status.

$\sim$	Only Manufacturer to offer "Cloud Order Tracking" system through www.blisswalk.com
-	through www.blisswalk.com

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### **ERP** Module

Bliss Anand works through a Oracle based ERP module for execution of customer orders in a seamless way from inquiry to shipping.





# **Major Approvals**



## **Major Customers**



## **Major Certifications**





## Certifications

	s is to nertify that the Quality Manageme	ent Synakem of
	<b>Bliss Anand Private Limit</b>	led
	Plot No 240, Sector-3	
	Growth Centre, HSRDC	
	Bawal, Haryana 12350	
	India	
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COMPANY	
	Blies Anand Pvt. Limited Plot #240, Sector -1, Growth Center,
	HS8DC Bawal, Haryana 123501 India
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Manufacture and asse	mbly of power boilers at the above location and field at controlled by the above location
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3	Josepheren
	Managing Director: Conformity Assessment



### Locations:

#### **Manufacturing Unit**

Plot No. 240, Sector-3, Growth Center, HSIIDC, Bawal, Haryana,India Ph.: +91 (1284) 269400-99 Fax: +91 124 2290884 e-mail: sales@blissanand.com

#### **Corporate Office**

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