



**fluidyne**  
ENGINEERS INDIA PVT LTD



# Enhanced Precision



# About Us

Fluidyne Engineers is an ISO 9001-2015, ISO 45001-2018 certified company and one of the leading manufacturer of metal bellows and expansion joints. Established in the year 1984, Fluidyne Engineers focuses on value added engineered design capabilities incorporating latest edition of **EJMA standards** for the design and manufacturing of bellows.

Fluidyne metal bellows are manufactured using various grades of stainless steels, Incoalloys, Hastelloys, Aluminium alloys, Monel as well as Titanium, which are engineered to conform to many industrial standards that include ASME Section VIII and IX.

Fluidyne Engineers has a capacity of manufacturing metal bellows ranging from 14mm internal diameter to 2000mm inner diameter in single layer and multilayer construction.

Fluidyne manufactures bellows catering to various industries such as Defence, Oil & Gas, Marine, Nuclear Plants, Automotive, Power generation, transmission & distribution, Semiconductor, Pharma-machinery, Railways, Aerospace Vacuum to name a few.



Strive to make the Best Quality metal bellows and allied products in India with focus on penetrating Global market.



Develop and endeavour to supply reliable and superior quality bellows in partnership with customers to improve performance of their final product.

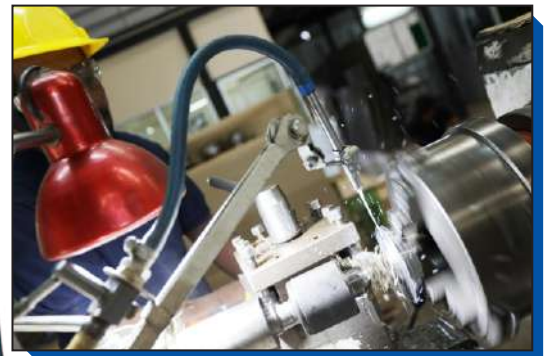
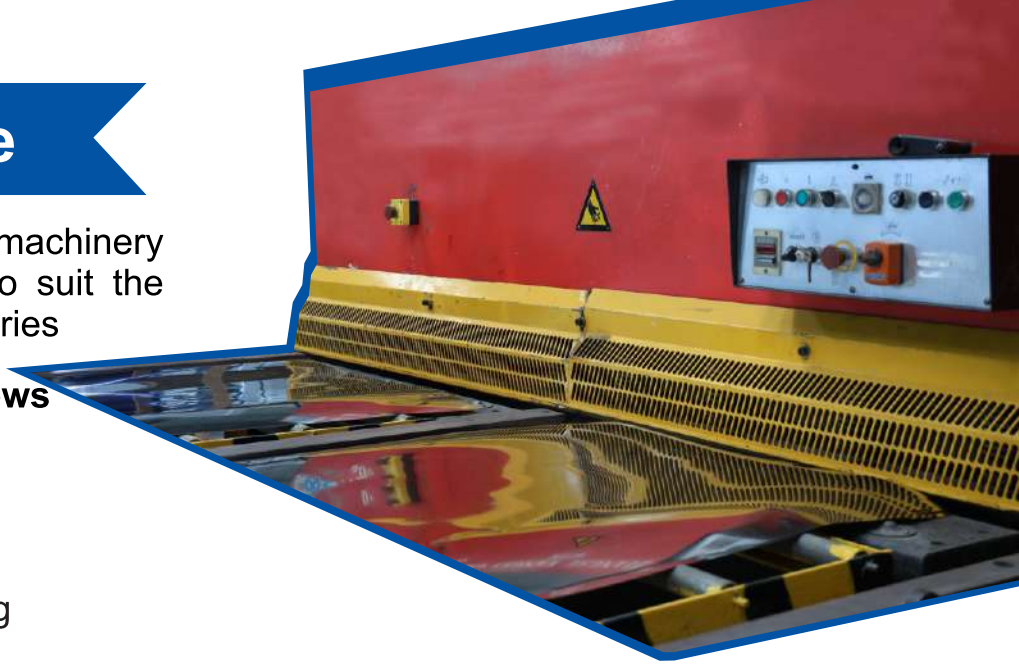
# Infrastructure

Fluidyne has got state-of-art machinery to roll off quality products to suit the requirement of various industries

**Fluidyne manufacture bellows by the following methods.**

- \* Hydro Forming
- \* Elastomeric Forming
- \* Expanding Mandrel Forming
- \* Roll Forming

**Fluidyne's advanced welding operations provide extremely consistent high quality joining methods as we combine our precision bellows with pressed, stamped and machined components to make value added assemblies.**



# Testing Facilities

Fluidyne has in house Testing Facilities to ensure quality and reliability. The various testing facilities available are.

- » Liquid Penetrant
- » Pneumatic leak
- » Hydraulic leak
- » Spring rate
- » Helium leak
- » Cyclic life
- » Squirm and burst pressure



## Industries We Serve



**RAILWAYS**



**AEROSPACE**



**MARINE**



**POWER TRANSMISSION**



**VALVE**



**OIL & GAS**



**PHARMACEUTICAL**



**NUCLEAR PLANTS**



**DEFENCE**



**VACUUM**



**INSTRUMENTATION**

# Precision Bellows

Precision bellows have a variety of uses in aerospace / defence, safety & Pressure relief valves, electrical switchgear, turbines, measurement & control, medical, oil/gas & transportation

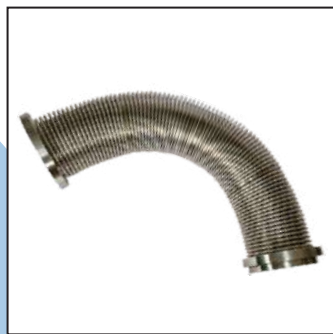
## Valves & Instruments



## Aerospace & Defence



## Mechanical Seals & Pharma Industry



## Vacuum Industry



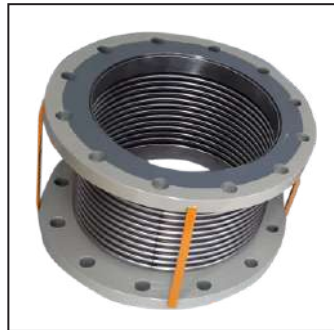
# Conventional Bellows

Metal Bellows offers elegant solutions for most piping design problems involving thermal expansion, volume compensation, and vibration isolation. Fluidyne metal bellows are engineered and manufactured conforming to relevant industrial standards

## Exhaust Systems



## Power Transmission & Distribution Equipment



## Marine & Pipeline Application



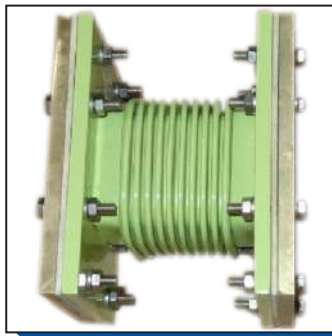
## Special Bellows

During the past decades Fluidyne's commitment to customer's satisfaction has been its Mission, Challenge and Promise. Offering quality products with services of International standards has been the corporate philosophy. The in-house strength gives immense flexibility and potential for newer and better products to the modern industry.

## Edge Welded Diaphragm Bellows



## Non Circular Bellows



## Special Metal Bellows



# Quality Policy

We at Fluidyne Engineers India Pvt. Ltd manufacturer of Expansion joints shall ensure that we produce safe and good Quality products.

We would upgrade our process and resources by continual improvement and training employees on good Manufacturing Practices, keeping in view the current customer requirements through continual improvement of processes and human resources by meeting applicable laws and regulations in order to enhance customer satisfaction.



**Certificate of Compliance**  
**INTEGRATED QUALITY CERTIFICATION PVT. LTD.**  
 hereby certifies that the quality management systems of  
**Fluidyne Engineers India Pvt Ltd**  
 20/ A, KRS Road, Metagalli,  
 Mysore - 570 016, Karnataka, India.  
 has been assessed and conforms to the  
 quality management systems  
**ISO 9001:2015**

Scope: Design and manufacture of bellows type expansion joints of nominal bore 4mm to 1500mm and welded diaphragm bellows of nominal bore 10mm to 50mm made of heat resistant exotic metals and non ferrous alloy materials.

|  |                                   |
|--|-----------------------------------|
| EA/NACE : 171- 28.75                           | Initial issue date : 12.12.2016   |
| Process(es) not applicable : None              | Current issue date : 18.12.2019   |
| Certificate number : IND/QMS/NAB-C265/RC1/2578 | Current expiry date : 11.12.2022  |
| Attachment(s) : None                           | 1st Surveillance due : 11.12.2020 |
|  | 2nd Surveillance due : 11.12.2021 |

**H. N. Nizamuddin**  
 Director

Certificate of compliance has an expiry period of 3 years from the current certification cycle start date but shall be considered as expired, if the surveillance/audit programme indicated in this certificate of compliance is not implemented to maintain compliance. The certified management system continues to fulfil requirements unless otherwise supported by a letter of continued compliance issued by the registered office of Integrated Quality Certification Pvt. Ltd. Certificate of compliance shall be updated in website registry as suspended or withdrawn if the surveillance programme prior to the due date indicated above is not coordinated and implemented. Written information on any significant organizational change with impact on the certificate of compliance shall be communicated to Integrated Quality Certification Pvt. Ltd. prior to the planned audit schedule.

Corporate Office : Platinum City, G/13/03, Site # 02, Next to CATL HMT Road, Yeshwanthpur Post, Bangalore - 560 022, INDIA. Tel : +91 (81) 4172792, 4172793, 41780197, Email : hqcert@integratedquality.com Website : www.iqcglobal.com. CIN : U74902KA2007PT010501. Please visit www.iqcglobal.com and / or www.intema.org to verify the authenticity and validity of this certificate of compliance. IQC-2019-01-000-0122019



**Certificate of Compliance**  
**INTEGRATED QUALITY CERTIFICATION PVT. LTD.**  
 hereby certifies that the occupational health and safety management systems of  
**Fluidyne Engineers India Pvt Ltd**  
 20/ A, KRS Road, Metagalli,  
 Mysore - 570 016, Karnataka, India.  
 has been assessed and conforms to the  
 occupational health and  
 safety management system  
**ISO 45001:2018**

Scope: Design and manufacture of bellows type expansion joints of nominal bore 4mm to 1500mm and welded diaphragm bellows of nominal bore 10mm to 50mm made of heat resistant exotic metals and non ferrous alloy materials.

|  |                                   |
|--|-----------------------------------|
| Subdivision : 22                           | Current issue date : 28.11.2019   |
| Class : 2299                               | Current expiry date : 27.11.2022  |
| Process(es) not applicable : None          | 1st Surveillance due : 27.11.2020 |
| Certificate number : IND/OHSM/JAS-C065/035 | 2nd Surveillance due : 27.11.2021 |
| Attachment(s) : None                       |                                   |

**H. N. Nizamuddin**  
 Director

This certificate is valid provided surveillance audits as per the above indicated dates together with the agreed contract terms and conditions are completed with 100% compliance. Any loss in suspension and/or withdrawal of certificate of compliance and website registry shall be updated accordingly. Affect information on any significant organizational change with impact on the certificate of compliance shall be communicated to Integrated Quality Certification Pvt. Ltd. prior to the planned audit schedule.

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**Industry Outlook**  
 2021 AWARDS  
 IS PROUD TO PRESENT  
**Fluidyne Engineers**  
 AS ONE OF THE  
**TOP 10**  
**EXPANSION JOINT**  
**MANUFACTURERS**  
**2021**

*In acknowledgement of its unwavering focus and dedication to achieve excellence in quality and delivery to the field.*

**Shanker Kulkarni**  
 Managing Director  
 Industry Outlook



**fluidyne**

**Fluidyne Engineers India Pvt. Ltd.,  
 # 20/A-1, KRS Road, Metagalli,  
 Mysuru - 570 016, India**

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