# EASYFIEX

## **RUBBER EXPANSION JOINTS**





#### KANWAL INDUSTRIAL CORPORATION



#### **FLEXIBLE CONNECTIONS**

**VIBRATION, SEISMIC & ACOUSTIC ISOLATION** 

MODULAR PIPING SUPPORT SYSTEMS

**DESIGN ENGINEERING** 



We are committed to business process improvements in the engineering sector with a focus on automating Selection and Design technology. Our global strategic partnerships, enable us to create and deliver world class products for our customers.

QUALITY ASSURANCE



#### PUMPS

#### **CHILLERS**

ELECTRICAL APPLICATIONS

DRAINAGE APPLICATIONS

#### **BLOWERS**

## **DUTY CONDITIONS**

- Temperature : 20°C 100°C
- Pressure : PN 10 | PN 16 | PN 20
- Sizes : 25mm to 2000mm ID

## **RUBBER EXPANSION JOINTS & BELLOWS**

# **FLEXIBLE CONNECTIONS**

#### RUBBER

- Arch Type - Floating Flanges - Bus Duct Bellows - Rubber Sleeve Joints - Rubber Bellows for Drain systems





## SINGLE ARCH BELLOWS



HYDRO TESTING

# **FLEXIBLE CONNECTIONS**

#### RUBBER



PNEUMATIC TESTING

# **EXPANSION JOINTS**

Chilled Water Pumps fitted with **Easyflex Rubber Expansion Joints** (Single Arch) complete with Split Retaining Rings, Control Units and Tie Rod Assembly.

Several Parameters in consideration for selection of design and materials of construction

- Application
- Design Temperature
- Design Pressure
- Flowing Medium
- Desired Movement Capability of the Flexible Element



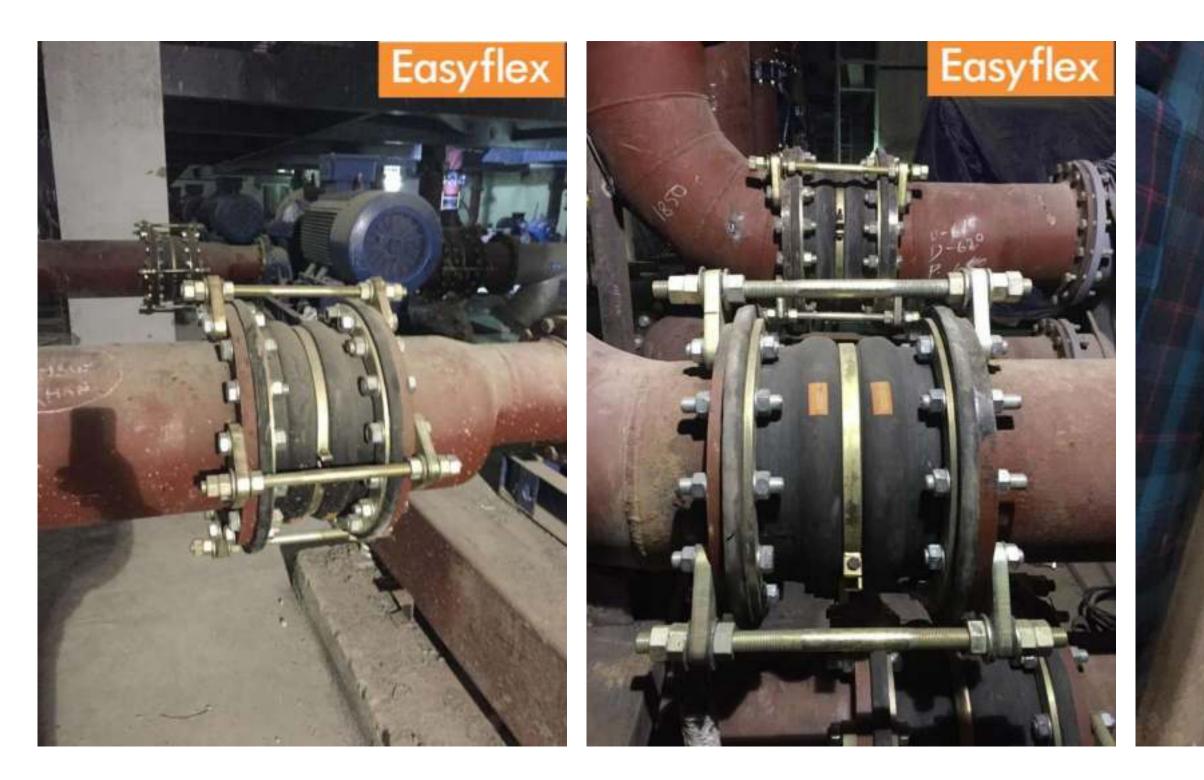
Rubber Expansion Joints installed with CHW Pumps at an International Airport.

#### PIPEWORK

**VIBRATION ELIMINATION** 



## **DOUBLE ARCH BELLOWS**



#### LONGER LENGTHS

MULTIPLE ARCHES

# **FLEXIBLE CONNECTIONS**

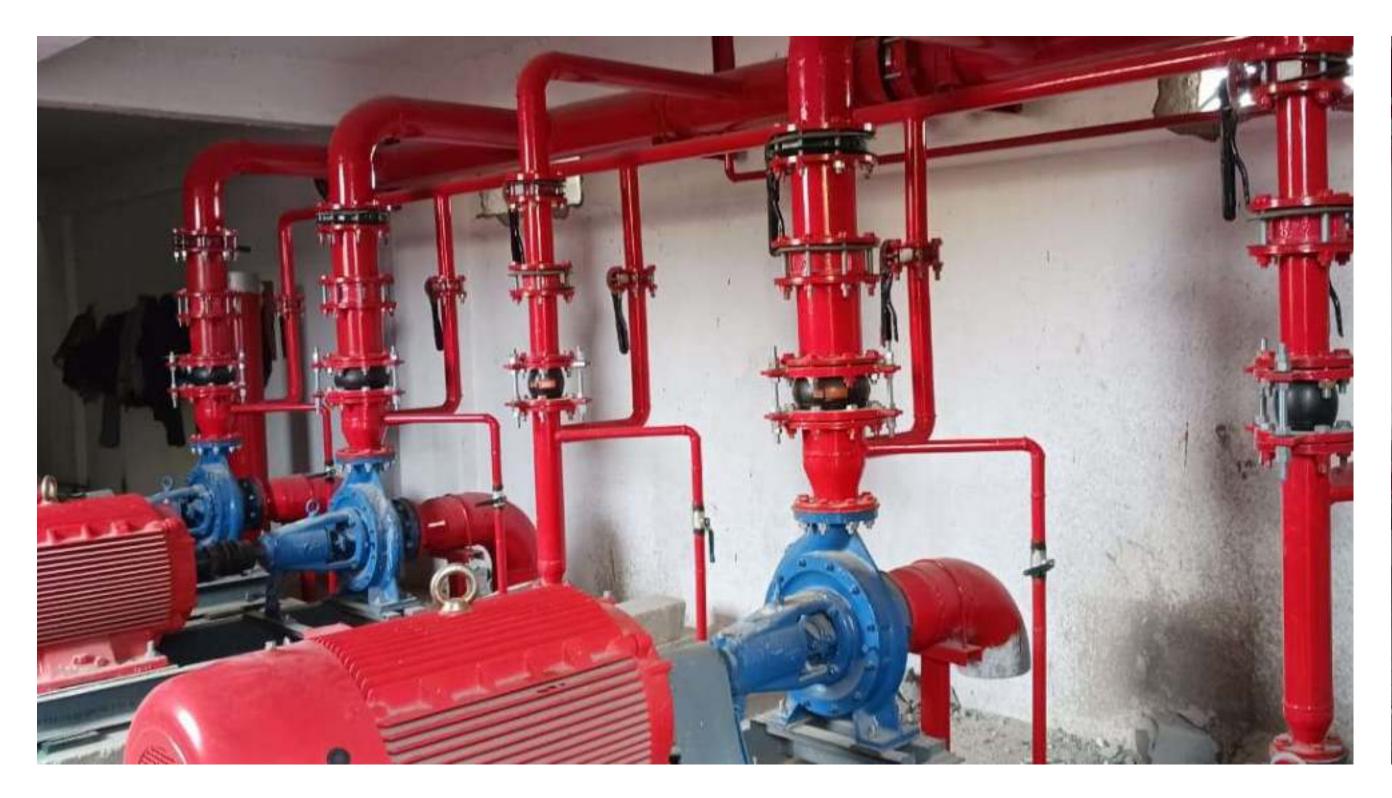
#### RUBBER



**GREATER MOVEMENT** 



## **FLOATING FLANGES**



COMPOUND TESTING

# **FLEXIBLE CONNECTIONS**

### RUBBER



SHORE HARDNESS TESTING



#### **FLOATING FLANGES**



**ROTATING FLANGES** 

# **FLEXIBLE CONNECTIONS**

## RUBBER



Easyflex Rubber Bellows with Floating Flanges.

**Installed at Suction & Discharge of** Slurry Pumps at a Power Plant in India.

**Installed at Piping of Spray Nozzles** at FGD Plant in India.



## SLEEVE JOINTS FOR INDUSTRIAL APPLICATIONS



# **FLEXIBLE CONNECTIONS**



## SILICONE / WHITE NEOPRENE JOINTS



## FOOD GRADE APPLICATIONS

# **FLEXIBLE CONNECTIONS**



## JOINTS FOR DRAINAGE SYSTEMS











# **FLEXIBLE CONNECTIONS**





## STORM WATER BELLOWS



# **FLEXIBLE CONNECTIONS**



Expansion Joints used in Electrical Bus Duct systems prevent transmission of vibration to Electrical components.

Since pressure requirements in ducts are very low compared to piping systems, they are manufactured in lighter construction to be more responsive to the reduced stiffness of sheet metal ducting.

Aluminium / Copper can also be the material of construction for these applications.

#### SLEEVE TYPE JOINTS

#### CHOICE OF ARCHES

## **BUS DUCT BELLOWS**

## **RUBBER | ALUMINIUM**

#### Easyflex is OEM Supplier of bellows to NTPC & BHEL



They can be round, square, rectangular, even "T" or "L" shaped. These can also be constructed with Multiple Arches.

#### **BUS DUCT BELLOWS**

# **EXPANSION JOINTS FOR DUCTING**





#### LANDMARK PROJECTS



AMAZON

МЗМ

Hyderabad Me

# AIRPORTS | METROS | BUILDINGS

	NEW DELHI		
	BANGALORE		
	MUMBAI		
	CHENNAI		
	NEW DELHI		
т	PUNE		
	NAGPUR		
	HYDERABAD		
	BANGALORE		
	NEW DELHI		
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	KOLKATA		
	BANGALORE		
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	NAGPUR		
	AHMEDABAD		
	МАНАРЕ		
	GURUGRAM		
tro TOD	HYDERABAD		

# ͺ·Ϻ· Edsyflex

#### LANDMARK INTERNATIONAL PROJECTS

#### BAHRAIN

DALKIA DISTRICT COOLING

ACRAPITA

ISA SPORTS CITY

BAHRAIN CITY CENTER

BAHRAIN BAY PROJECT

DURRAT AL BAHRAIN

**PLATINUM TOWER** 

#### OMAN

THE WAVE

BAIT AL REEM

**BLUE CITY - PHASE 1** 

KOM-4

UNITED ARAB EMIRATES

HATTA SCHOOLS 1&2

**XL TOWER** 

**CAREFOUR, MUSAFFA** 

LIBERTY HOUSE

CENTRAL MARKET

**FUJAIRAH BUSINESS CENTER** 

#### SAUDI ARABIA

DHAHRAN SWT PLANT

SRI LANKA

ITC ONE COLOMBO

ISRAEL

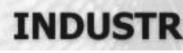
**ELTA ISRAEL** 

#### BUILDINGS

PBCOM TOWE **IHG HOTEL** LUSAIL PLAZA **BANK OF MUS** NECCO CARRIG **IDB BOSTON** THE FORD PARCEL U **TOLL BROTHE** DRAWDOWN

**RIYADH METR** MALE INTERNA

**KOLWEZI AIR** 



AL DUR POWER PLANT DANGOTE REFINERY



PHILLIPINES			
MAURITIUS			
QATAR			
OMAN			
UNITED STATES OF AMERICA			
UNITED STATES OF AMERICA			
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#### **AIRPORTS & METROS**

RO	KINGDOM OF SAUDI ARABIA
ATIONAL AIRPORT	MALDIVES
PORT	REPUBLIC OF CONGO

#### **INDUSTRIAL PROJECTS**

BAHRAIN

NIGERIA





# PARTIAL CLIENT LIST

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 ero		HITACHI	нмх	IndianQil
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nn Plaza	قطر للبترول Qatar Petroleum	Reliance Industries Limited	THE RITZ-CARLTON	Laudership in Ducting
RMAX VTLASTAR	TRAC	TRANE Di Hard Di Nape A Dane	tyco	unitech
GHTON	<u>o</u> F	thyssenkrupp	NPCIL	Taikisha Engineering India Pvt. Ltd.
NCO	BEVCON	<b>E</b>	ingersoll Rand.	ISGEC
EA	HUMIDIN	TRAME It's Hard 'Is Stop A Trune"	Shapoorji Pallonji	A part of your daily life

#### KANWAL INDUSTRIAL CORPORATION