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# КАТАЛОГ

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# **SHRI KRISHAN LAL MEHTA** Founder of Jai Gopal Engineering Works pvt. Itd

In 1962, after years of experience in his family's welding and cutting gas equipment business, entrepreneur Late Sh.K.L Mehta founded Jai Gopal Engineering Works Pvt. Ltd (JGEW). He worked through a series of challenges with courage and unflinching perseverance, resulting in the development and production of welding and cutting equipment, industrial valves and pressure regulators.

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#### MR. JAI GOPAL MEHTA DIRECTOR

LUCK IS VERY IMPORTANT – IT IS 50%. BUT, THAT LUCK WILL NOT COME TO UNLESS YOU PUT IN THE EFFORT AND IN THE EFFORT, A VERY IMPORTANT ELEMENT IS THE DAILY REVIEW OF WHAT I AM DOING, WHERE I AM GOING & BEING RUTHLESSLY HONEST WITH YOURSELF. MOST PEOPLE BLAME THE ENVIRONMENT, MY BELIEF IS I CAN CHANGE AND THAT WE MUST LEARN TO BE NAKEDLY HONEST WITH OURSELVES.

In 1986, Mr. Jai Gopal Mehta took over the family business, envisioning JGEW as a leading company that sets the standard. He ensured that to meet the ever-widening demands of its clients, JGEW would serve multifarious srctors with efficient, premium quality and high position products.

Qualified experience, entrepreneurial dynamism and ever-present innovation on the part of the founder and Mr. Krishan Lal Mehta's successor meant that in a few years, JGEW gained a prominent position in the national market and reinforced its copmetitiveness at an international level.

# A STORY THAT CONTINUES

## **BUILDING THE FUTURE**

#### **:SUSTAINABLE FUTURE DEVELOPMENT AT JGEW IS BASED ON SOLID PRINCIPLES**

- REAL KNOWLEDGE OF THE SECTOR
- TECHONOLOGICAL LEADERSHIP FOR INNOVATIVE SOLUTIONS
- A WIDE RANGE ON OFFER
- EXCELLENCE AND QUALITY OF PRODUCTS
- RESPONSIBILITY TOWARDS CLIENTS

JGEW incoporates these key principles into its business strategy. As a result, the company has strengthened its position abroad, where it currently serves clients in 16 countries. Today, JGEW is guided by its two directors- Mr. Jai Gopal Mehta and Mr. Mayur Mehta, Who are further supportive by the collaboration of a strong and united team that shares a passion for the vocation and embraces quality as a value. Together , they transform initiative and ideas into accomplishments. The company headquarters in New Delhi holds a production plant covering more than 10,000 square meters.



# WHO WE ARE

# SERVING QUALITY THROUGH EXPERIENCE

Born of tradition yet inviting of innovation, we are a company committed to the growth of the design, produciton and marketing of welding and cutting equipment, industrial valves and pressure .regulators

We seek challenges as the drive us to continously improve our services. Our commitment to quality means that we consider the needs of our valued clients and patrons worldwide as our very own

# **PHILOSOPHY & POLICY**

Unique in our envisioning of comfort-enhancing finishing, we at JGEW strive hard to offer exceptional service by focusing on our clients' needs. We work reliably and with integrity, converting business relationships to fellowships. We view quality as a competitive necessity and have a firm conviction that problems are opportunities. Furthermore, our company strongly believes in transparency in transactions, maintaining a clear business ethic and utilising infrastructural facilities.

Specialising in talent acquisition and retention, we are proud of our team, whose attitude can be captured through the notion "Where Energy is Synergy". With our team, we have created an impregnable niche in the Indian welding industry.

### SERVING CLIENTS AT 360°: ASSISTANCE AND CONSULTING

JGEW is committed to providing its clients with the complete range of devices, equipment and systems in its portfolio and assists them to choose and manage all elements and additional services for the use of welding and cutting equipments.

The company's highly qualified staff of technicians, engineers, consultants and regulatory experts provides its know-how and technical consultancy, as well the ability to respond to every request from the knowledge pool of former experience and the consistent learning and upgradation that supports the company.

Today, JGEW confidently satisfies every specific need of the client, both in India and overseas. Every part of the process is paid attention to: design and engineering, specific tenders, aligning to the continuous updating of the specific standards in force, production and manufacturing, technical consultancy, post-sales assistance and installation, and importantly, ensuring advanced safety requirements in each of these phases.

Each system managed by the company has maintenance schedules that are constantly updated, creating a historic support database. JGEW also offers 24 hour on-call assistance upon request, and organises training courses and professional updating on the operational management of systems for technical personnel.

# **QUALITY AND CERTIFICATIONS**

#### A TOP COMMITMENT

Foundation forward, JGEW has been committed to advancing the safety of its products along with technological developments.

Aware of the importance of quality in an increasingly competitive market, JGEW has ensured that this remain one of the key elements of its activity and has thus obtained numerous certifications over the years.

The Quality Management System at JGEW is ISO 9001:2008, certified for the activities of design, production, marketing, maintenance and assistance of equipment, systems and plants. The company has obtained ISI certification from the Bureau of Indian Standards, Govt. of India and its products have been approved by the Chief Controller of Explosives, Govt. of India. All certifications can be viewed from the website.

The Quality and Safety Area of the company heads the Quality Management System and Company Prevention and Protection Systems. The Quality and Safety Area also manages the processes connected with testing and certification of the plants. These processes are carried out by highly trained and qualified internal personnel who are independent from the other function that constructs the plants.

In this way, the continuous monitoring of the efficiency and efficacy of company processes is an indispensable element that JGEW provides to its clients. With the vision of becoming one of the principal points of reference in the distribution and use of welding and cutting equipment, JGEW ensures the quality, safety, reliability and competitiveness of its products.



We also provide Cylinder valve for industrial and medical purposes, Scuba cylinder valves, fire fighting valves, LPG cylinder valves, stainless steel

valves and special gas cylinder valves.

# A COMPLETE RANGE OF PRODUCTS AND SERVICES

**IN STEP WITH THE TIMES** 

A commitment to satisfying our clients' needs, made possible by our diverse and technologically advanced product offering, has been one of the key elements driving the growth and evolution of JGEW.



We put forward a broad range of Valves that is manufactured in adherence with the set industry standards using advanced technology and optimum quality raw material. In tune with international quality standard, we provide the entire range in various sizes and specifications, as per the requirement of our clients. Our quality controllers perform a series of test on various parameters, in order to ensure the quality of Valves. Apart from this, clients can avail the entire range of the product according to their requirement and specification.



















Comes in both single and double spindle with a working pressure of both 160kgf/cm2 and 175kgf/cm2.

\*\*Connections can be modified as per customer's requirement.

Safety relief valve with cylindric thread. To be used in connection with the lower check value. Tightness assured by bonded seal.

\*\*Connections can be modifies as per customer's requirements.





#### **Puncture Type Valves**

This is a spindle type valve with a working pressure of 160kgf/cm2. The outlet number is 7 and the outlet thread size is Ext. W21.8X1.814RH. Available for Carbon Dioxide.

\*\*Connections can be modified as per customer's requirement.



### Yoke Type O2 Medical Valve

The valve comes in both double and single spindle. Specially designed for Oxygen gas with a working pressure of 175kgf/ cm2.

The outlet of this valve is Pin Index.

\*\*Connections can be modified as per customer's requirement.



This is a spindle type valve with a working pressure of 160kgf/cm2.

\*Connections can be modified as per customer's requirement.

Available for Carbon Dioxide.

The outlet number is 7 and the outlet thread size is Ext. W21.8X1.814RH.

#### Yoke Type CO2 Medical Valves

The valve comes in both double and single spindle. Specially designed for Carbon Dioxide gas with a working pressure of 175kgf/cm2.

The outlet of this valve is Pin Index.

\*\*Connections can be modified as per customer's requirement.



#### Yoke Type Air Medical Valves

The valve comes in both double and single spindle. Specially designed for Air with a working pressure of 175kgf/cm2. The outlet of this valve is Pin Index.

\*\*Connections can be modified as per customer's requirement.



#### Yoke Type Nitrogen Medical Valves

The valve comes in both double and single spindle. Specially designed for Nitrogen Gas with a working pressure of 175kgf/cm2. The outlet of this valve is Pin Index.

\*\*Connections can be modified as per customer's requirement.



#### Yoke Type Nitrous Oxide Medical Valves

The valve comes in both double and single spindle. Specially designed for Nitrous Oxide with a working pressure of 175kgf/cm2. The outlet of this valve is Pin Index.

\*\*Connections can be modified as per customer's requirement.



#### Yoke Type Ethylene Medical Valve

The valve comes in both double and single spindle. Specially designed for Ethylene with a working pressure of 175kgf/cm2. The outlet of this valve is Pin Index.

\*Connections can be modified as per customer's requirement.



#### LPG FORKLIFT TRUCK VALVES WITH SHORT DIP TUBE

Single opening cylinders configuration or multi open configurations mostly used in Europe, America and Australia. Single opening cylinder cinfiguration for LPG carburation systems can be equipped with a designed plastic dip tube for liquid carburation which is suitable for any size/type of cylinder.

\*\*Connections can be modified as per customer's requirement.



We are dedicatedly engaged in offering a commendable range of Regulators. Besides being manufactured from high-grade raw material and latest technology, the offered range is inspected properly by our expert professionals. Owing to features like durability and sturdiness, the offered regulator is exceptionally valued by our precious clients. Apart from this, the offered range is available with us in various sizes and shapes at affordable price.



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#### Single Stage High Flow Manifold Regulator

The regulator is specially designed for Oxygen, Carbon Dioxide, Nitrogen and Hydrogen.

It comes with flow rate of 2600 LPM.

Maximum inlet pressure is 150 bar and maximum outlet pressure is 14 bar.

\*\*Available for all types of gases.

\*Connections can be modified as per sudtomer's requirement.



#### Single Stage High Pressure Regulator

The regulator is specially designed for Oxygen, Nitrogen and Hydrogen.

It comes with flow rate of 2000 LPM. Maximum inlet pressure is 150 bar and maximum outlet pressure is 80 bar.

\*\*Available for all types of gases. \*\*Connections can be modified as per sudtomer's requirement.



#### Single Stage Single Meter Mini Regulator

This regulator is specially designed for Ogygen and Acetylene. The inlet pressure for oxygen is 150 and outlet pressure is 10 bar with a flow of 800 LPM.

\*\*Available for all types of gases.

\*\*Connections can be modified as per customer's requirement.



#### Single Stage Extra High Pressure Regulator

The regulator is specially designed for Oxygen, Carbon Dioxide, Nitrogen and Hydrogen. It comes with flow rate of 2600 LPM.

Maximum inlet pressure is 350 bar and maximum outlet pressure is 300 bar.

\*\*Available for all types of gases. \*\*Connections can be modified as per sudtomer's requirement.



#### **Single Stage Single Meter Regulator**

This regulator is specially designed for Ogygen and Acetylene. The inlet pressure for oxygen is 150 and outlet pressure is 10 bar with a flow of 800 LPM. The inlet pressure for acetylene is 150 and outlet pressure is <1.5 with a flow of 100 LPM.

\*\*Available for all types of gases.

\*\*Connections can be modified as per customer's requirement.



#### **Single Stage Single Meter Regulator**

This regulator is specially designed for Ogygen and Acetylene. The inlet pressure for oxygen is 150 and outlet pressure is 10 bar with a flow of 1200 LPM.

\*\*Available for all types of gases.

\*\*Connections can be modified as per customer's requirement.





JV-07L

The regulator is specially designed for C2H2 gas using single stage construction.

It has two pressure gauges for indicating Inlet and Outlet. It can handle pressure of maximum inlet pressure of 25 bar and outlet of 0-1.5 bar.

The flow of gas it can handle is 5 m3/h.

\*\*Connections can be modified as per customer's requirement.



The regulator is specially designed for  ${\rm O2}$  gas using single stage construction.

It has two pressure gauges for indicating Inlet and Outlet. It can handle pressure of maximum inlet pressure of 150 bar and outlet of 0-10 bar. The flow of gas it can handle is 40 m3/h.

\*\*Connections can be modified as per customer's requirement.



#### JW-SINGLE STAGE REGULATOR

This regulator comes in brass body and a bonnet is provided for maximum strength. A saftey relief valve is provided for safe operation.

Sintered metal inlet filter to trap impurities operating at -20° to +65°. Available for all types of gases.

\*Available for all types of gases.

\*Connections can be modified as per customer's requirement.



The regulatoris designed for a flow of 70 LPM and specially designed

for CO2 and Argon. It can handle the max inlet pressure of 150 and outlet pressure of 10 Comes with wire and plug..

\*\*Connection can be modified as per customer's requirement.



#### JW-SINGLE STAGE REGULATOR

This regulator comes in brass body and a bonnet is provided for maximum strength. A saftey relief valve is provided for safe operation.

Sintered metal inlet filter to trap impurities operation: Specially designed for Oxygen and Acetylene.

\*\*Available for all types of gases.

\*\*Connections can be modified as per customer's requirement.



#### JW-SINGLE STAGE REGULATOR

This regulator comes in brass body and a bonnet is provided for maximum strength. A saftey relief valve is provided for safe operation.

Sintered metal inlet filter to trap impurities operating at -20° to +65°.

\*\*Available for all types of gases.

\*\*Connections can be modified as per customer's requirement.



Steady flow of gas at the outlet irrespective cylinder gas valve. Forged brass body.

\*\*Available for all types of gases.

\*Connections can be modified as per customer's requirement.



#### **AMBULANCE MANIFOLD SYSTEM**

The regulator comes with 2 flow meters, 2 regulators, 3 operating valves, 2 humidifier bottles and 1 brass tube. \*\*Available for all types of gases.

\*\*Connections can be modified as per customer's requirement.



### JW TWO STAGE REGULATOR

This regulator comes in brass body and a bonnet is provided for maximum strength.

A saftey relief valve is provided for safe operation.

Inlet connection provided with filter.

\*\*Available for all types of gases.

\*\*Connections can be modified as per customer's requirement.



#### **Two Stage Stainless Steel Regulator**

This regulator is specially designed for Ethylene Oxide and Ammonia. The maximum inlet pressure is 20 bar and maximum outlet pressure is 10 bar for Ethylene Oxide and 40 bar - 10 bar for Ammonia.

\*Available for all types of gases.

\*Connections can be modified as per customer's requirement.



**Emergency Breathing Unit Valve Cum Regulator** 

The regulator is specially designed for Oxygen. It comes with Pin type outlet with working pressure of 200kgf/cm2.

\*\*Connections can be modified as per customer's requirement.



# **GAS CUTTERS**

We are dedicatedly engaged in offering a commendable range of Gas Cutters. Besides being manufactured from high-grade raw material and latest technology, the offered range is inspected properly by our expert professionals. Owing to features like durability and sturdiness, the offered regulator is exceptionally valued by our precious clients. Apart from this, the offered range is available with us in various sizes and shapes at affordable price.

## **GAS CUTTERS**



## **GAS CUTTERS**





# ACCESSORIES

We are dedicatedly engaged in offering a commendable range of Acessories. Besides being manufactured from high-grade raw material and latest technology, the offered range is inspected properly by our expert professionals. Owing to features like durability and sturdiness, the offered regulator is exceptionally valued by our precious clients. Apart from this, the offered range is available with us in various sizes and shapes at affordable price.

## ACCESSORIES



### ACCESSORIES





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