

**Excel** Gas & Equipments Pvt. LTD.

*AN ISO 9001 : 2008 CERTIFIED COMPANY*





EXCEL Gas offers a team of dedicated professionals to provide quality products & services for all High Purity and Ultra High Purity Gases & Chemical Distribution System requirements on turn key basis. From design and layout through manufacturing and installation, EXCEL Gas has the products and experience to meet the needs of customers. ®

## **Turnkey Engineering Solution for:**

- Centralized Gas and Chemical Handling Systems
- Utility Distribution Systems
- DI Water Transfer Systems
- Orbital Welding Services
- Sub Contracting Services
- Helium Leak Detection Services
- Gas Handling Equipments
- Project Management Services



### Target Domains

**Our services are offered to clients in following domains**

- Automotive
- Industrial Gases
- Laboratories
- Aerospace
- Food Industry
- Semiconductors
- Petrochemicals
- Welding
- Storage
- Leasure Industry

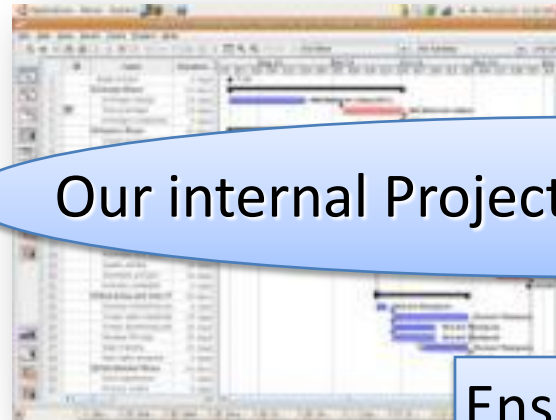


**EXCEL Gas offers customized products to meet customer needs**

- UHP Gas Handling Equipments
- Cylinder Regulators to Point of Use Regulators
- Tubes to Tube Assemblies
- Gas & Chemical Leak Detectors



# Project Management



Our internal Project Management System

Ensures

High quality gas handling systems  
Higher Quality deliveries  
Large Projects to be managed with ease



## Deliverables



- EXCEL Gas & Equipments will enable service deliveries using the core Engineering strength and Industry knowledge
- Engineering Designing – Stated & Unstated Requirements
- Ergonomic & Aesthetic
- High Leak Integrity through Helium Leak Testing Safety Systems

ISO 9001:2008 Certified

## Validation



- System integration with guarantee of High Leak Integrity of  $1 \times 10^{-9}$  milli Liter He/Sec.
- Moisture Test and Particle count for sensitive applications through our international partnership programs with service providers.
- Third Party Validation to conduct on our Engineering Systems.



## Vision



- To become the leader in high purity and ultra high purity integrated gas and chemical handling system by year 2012.
- To develop capabilities in the areas of manufacturing Specialty Gas & Chemical handling / distribution.
- To build presence of sales and distribution network across Middle East and Asia.

## Mission



- To understand emerging markets and requirement to provide best solution to esteemed customers.
- By establishing ourselves as preferred service provider through constant up-gradation of service providing capabilities and engagement through operations and maintenance support.
- Upgrade knowledge and skill of employees and organization as whole
- To implement IMS system integrated with ISO9001, EMS 14001, OSHAS 18001 in organization.
- To establish manufacturing capabilities for gas handling equipments.



## Quality Assurance



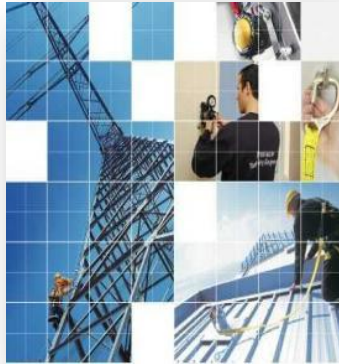
Quality has always been in the center of EXCEL Gas attention as it is the straight way to customers satisfaction. We approach quality assurance at various levels of operations, guaranteeing highest level of quality in processes and products.

- Defining Validation system
- Defining Quality Check list
- Developing Validation tools
- Documentation
- Validation Through MOC Test, Snoop Test, Helium Leak Test, Moisture Test, Boroscopy, Particle Count Test, Third Party Validation.





## Values



### The EXCEL Gas Safety Office:

- Not Compromise defined safety standards to achieve goals.
- Expect commitment, leadership and accountability of all personnel for environmental, security, and safety performance for the job and community.
- Participate in prompt, open and complete communication with our stakeholders on environmental, security, and safety issues.
- Support and implement a team-oriented work environment, ensuring cooperation and professionalism.
- Maintain high standards of environmental, security, and safety performance, and conduct our work discretion, integrity, to provide objective, unbiased information and analysis.





## Quality, Environment, Health & Safety Policy

We at EXCEL Gas & Equipments Pvt. Ltd. provide integrated solution for Gas & chemical distribution systems. We execute projects for installation of gas and chemical equipments and provide automation and Engineering solution for installation of same.

Management and employees are responsible and are committed to Creating value to our customers through superior service quality.

Ensuring that all operations, products and services are free from unacceptable risks to health and safety of our customers, employees, business associates, community and environment.



Ensuring compliance to legal and statutory requirements including applicable corporate requirement of Customers:

- We shall strive to prevent, eliminate or reduce emissions, occupational illness and injuries and waste from every stage of our operations and continually improve our environmental, occupational health and safety performance and customer satisfaction.
- Each employee is responsible to maintain a safe and healthy work place, protect and improve the environment and create value for our customers
- We shall achieve this by:
  - Implementing an Integrated Management system covering Quality, Environmental, Occupational Health and Safety. *ISO 9001:2008 Certified*
  - Complying with all applicable Legal requirements and rules and regulation of Customers
  - Operating, maintaining, reviewing and improving our activities, policies, procedures and processes to improve the effectiveness of our management system and overall performance.
  - Being responsive to our employees, customers, business associates and the community.
  - Building a team of empowered people with strong values and Leadership.



## Field Services



EXCEL Gas is vastly experienced in On Site Pipe and Tubing Installations, supplying a variety of onsite services, which include pipe and tube supply and fitting, on site manual welding, orbital welding, instruments supply and erection etc.

EXCEL Gas offers a service for installation of Pipe / Tube fabrication in Stainless Steels, Carbon Steels, Alloy Steels, PVDF, PP, PVC, Polyethylene, etc. These services are offered on turnkey basis from concept to commissioning. Tubing and piping are welded by orbital TIG welding resulting in identical welding.



**All fittings are manufactured and installed within the strict quality control norms of our ISO quality system.**

- Install and secure all system components, including tubing with orbital welding, Point of Use, Gas Cabinets, Valve Manifold Boxes, Gas Evaporators, Process Tool Hook-Up's
- Quality Assurance through Daily weld samples
- Certified UHP welding and purge gas using Argon 5.0<sup>®</sup>
- Orbital welding and installation of tubing, Coaxial tubes, Vacuum lines
- Document all weld coupons
- Digitally record internal welded images using Boroscopy
- Gas sensor installation and integration to controller
- Prepare as built 3D drawings with traceability to physical parameters like Height, Distance from reference point, weld coupon number's.
- Hydro test (as applicable), Pneumatic Test and Passivation
- Pressure test and Helium leak testing along with certification
- Project Document to FDA requirements (Pharma, Bio, Food & Beverage Industries)
- Customer personnel training



## **NDT Inspection**



EXCEL Gas offer a comprehensive NDT inspection service for both in-house manufactured items and onsite operations.

We have fully trained NDT inspector to SNT-TC-1A 2001 – Level II, which enables us to write procedures, interpret results of inspections carried out and compile reports based upon any such findings.

This NDT service can also be offered for hire to customers, with the inspector visiting the customers premises or site.

*ISO 9001:2008 Certified*

## **Orbital Welding**

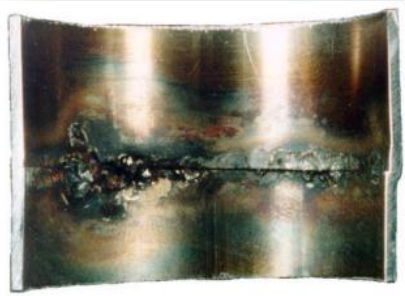


EXCEL Gas is the leader in orbital welding for tube and pipe.

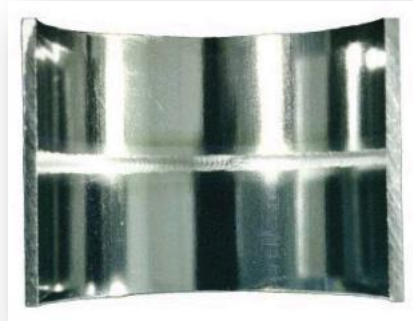
Born from the stringent semiconductor industry, EXCEL Gas has implemented and applied proven Ultra High Purity orbital welding and fabrication techniques tailored to the ever increasing demands of the Pharmaceutical, Semiconductor, Medical, Aerospace, Vacuum and Instrumentation Industries.



## Orbital Welding



Manual TIG Welding



Orbital Welding



Section View



## Tools & Equipments



Electrical Tube Bender



Orbital Welding Machine



Weld Head



TIF Leak Detector



Manual Tube Bender



Tube Facing Machine



Helium Leak Detector





## Products



Regulators



Valves



Purifier Panel



POU Regulator



Flow Meter



Gas Manifold



Gas Cabinet



Auto Changeover Panel



Cylinder Cascade

ISO 9001:2008 Certified



Cylinder Trolley



Tube Fittings



Tube Supports



## Project Visuals



Tube Distribution System





Auto Changeover System







Auto Changeover System





Tubing System





Fume hoods & POU assemblies







Fume hoods & POU assemblies





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Clean Room Project





Tubing System





Tubing System







Cylinder Quad





Project Execution Team



## Sourcing Capability

We source all components from leading suppliers in the world with right fit into the concept thus avoiding excessive costs.

Some of the sources we work with extensively are

Swagelok

**APTech**  
ADVANCED PRESSURE TECHNOLOGY

**DECKWEILER**  
TUBE SYSTEMS IN STAINLESS STEEL

★ ★ ★  
**ROTAREX**

**Parker**

**SANDVIK**

**WITT**  
www.wittgas.com

**Norcimbus**

**WIKAI**

**GCE**

**Valex**



**Agilent Technologies**





## Our Clients

We don't just work for our clients - we work with them...

At EXCEL Gas we place our main focus on our clients and aim to give the best client service we possibly can. We work in close partnership to ensure all of the project goals are achieved and we also have a highly collaborative work process that enables client and project teams to work together.

Here's just a small selection of the people that we are proud to call our clients....



## Contact us



We are highly technology enabled in meeting customer Requirements. We use Web enabled services for demonstrating our capabilities, discuss potential projects, demo our services and conduct project review meetings.

Please write to us or call us at our Corporate Office for service requests.

**EXCEL Gas & Equipments Pvt. Ltd.**

*ISO 9001:2008 Certified*

**#304, Building # 6, Sector – III,**

**Millennium Business Park, Mahape,**

**Navi Mumbai – 400710, Maharashtra, INDIA.**

**Tel: +91 22 27784430 – 35, Fax: +91 22 27784436**

**E-mail: [sales@excelgas.com](mailto:sales@excelgas.com), Website: [www.excelgas.com](http://www.excelgas.com)**

## We Appreciate your Business

