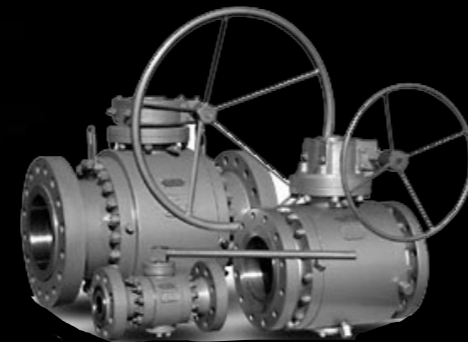




# AMRUTHA ENGINEERING

VALVE REPAIR & RE CONDITIONING SERVICES

## PROFILE



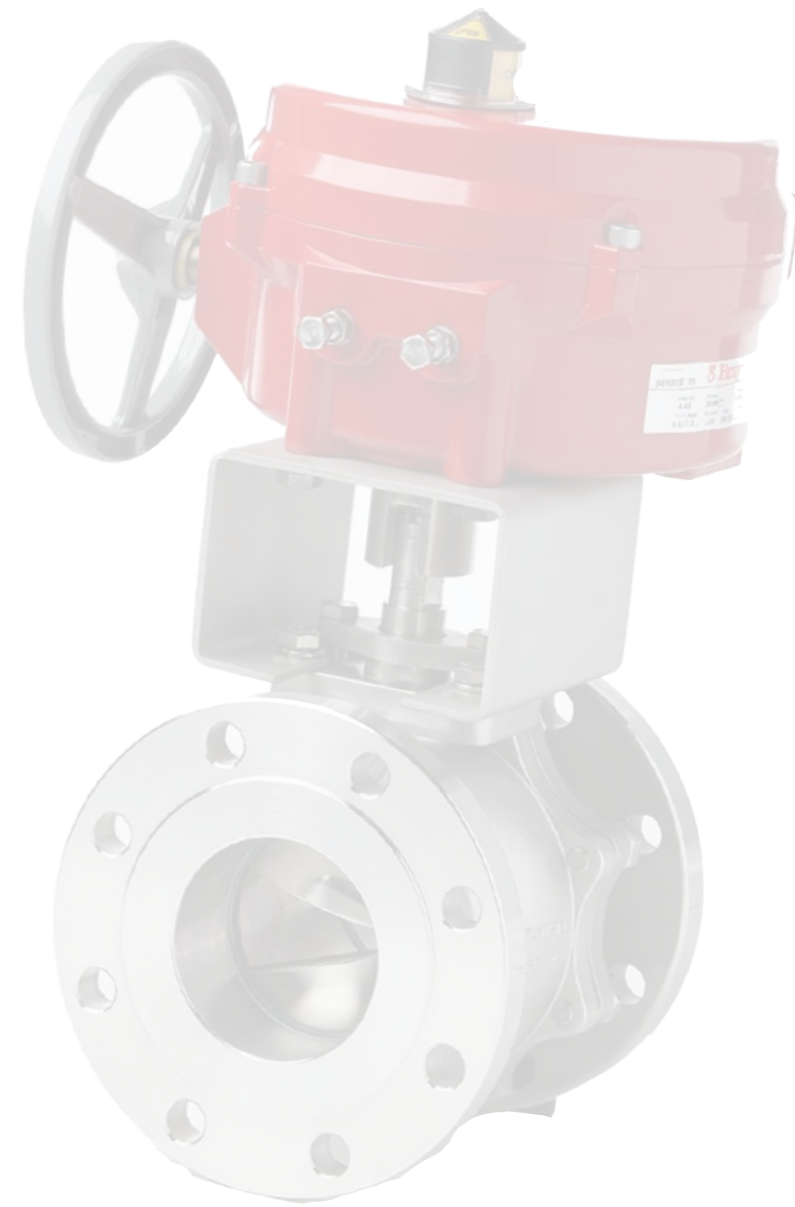
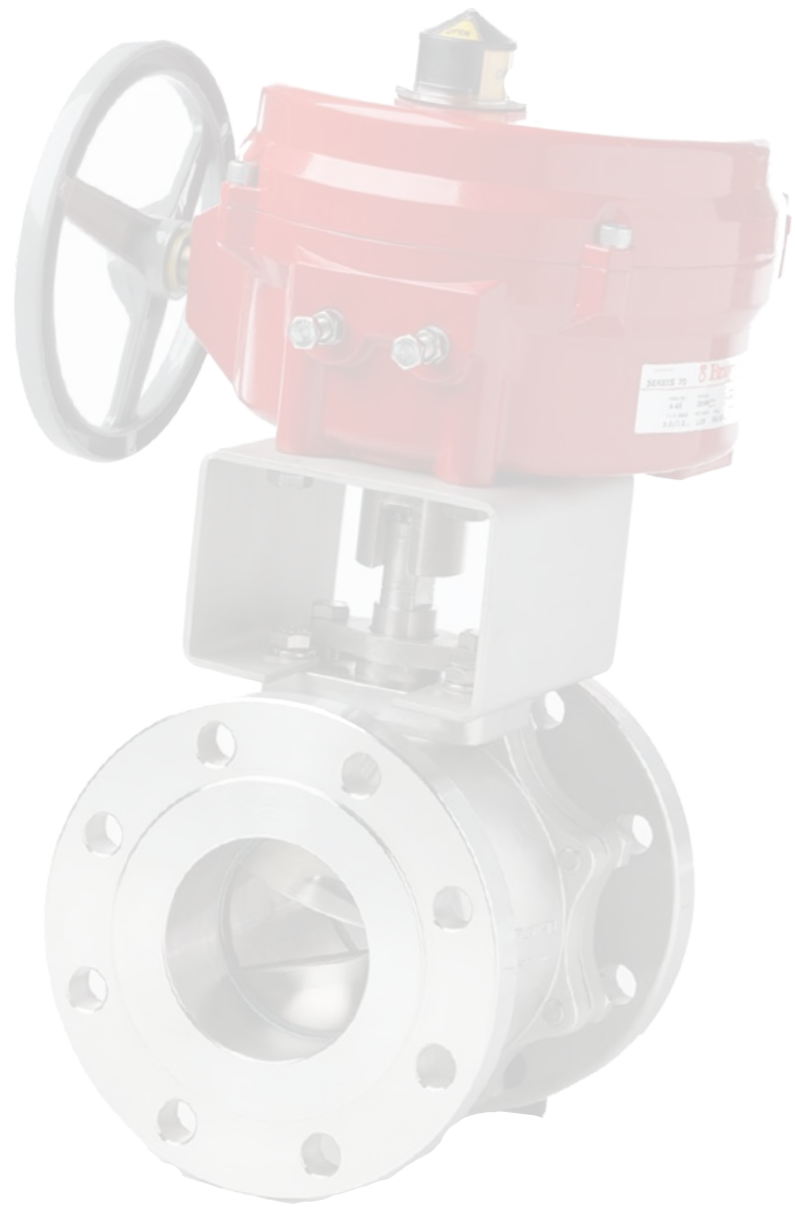
OFFICE & WORKS : Plot No. 75, Road No. 2, Sector 1-S, Panvel-Matheran Road, New Panvel - 410 206

☎ (O) : (022) 2746 8080 / 2746 0808 Fax : (022) 2745 1222 / 2567 0475

Email : amrutha\_eng@yahoo.com amrutha\_engineering@yahoo.co.in

Website : www.amruthaengineering.com

*Setting New Standard's Of Service & Excellence*







**राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड**

(भारत सरकार का उपक्रम)

वर्क्स : प्रशासनिक भवन, चेंबूर, मुंबई - 400 074.

**RASHTRIYA CHEMICALS & FERTILIZERS LIMITED**

(Government of India Undertaking)

WORKS : ADMINISTRATIVE BUILDING, CHEMBUR, MUMBAI-400 074

PHONES : 022-25522201 - 10 GRAM : FERTILIZER

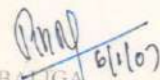
**CERTIFICATE  
TO WHOM IT MAY CONCERN**

M/s AMRUTHA ENGINEERING, New Panvel 410 206 is known to us for the last 10 years as responsible Valve Repairing Co who have earned our confidence, through years of good work.

During last turnaround in April – May 2006, M/s AMRUTHA ENGINEERING was awarded job for 16 nos. of Control Valves along with its actuators for the total re-conditioning vide Work Order nos. INST. W/S- WO/570 06 04 129 dated 22/04/2006 - 131 dated 10/04/2006 -140 dated 17/05/2006 and 141 dated 17/05/2006, which they have completed and delivered to the satisfaction to our Inspectors. Out of these, one 6" x 2500# Fischer Control Valve meant for service pressure 105 Bar superheated steam at 415°C, that we consider heart of the Plant, was not properly functioning and passing lot of steam.

M/s AMRUTHA ENGINEERING had re-conditioned that Valve by salvaging cage, piston, making new stem, Steliting seat and eroded area of body, making spacers to original specification & dimensions and successfully commissioned the Valve with no steam passing.

Success achieved in repairing this Valve speaks about their capabilities and competency.

  
B.M. BALIGA  
DEPUTY GENERAL MANAGER  
(AMMONIA, UTILITY & INSTRUMENTATION)

पंजीकृत कार्यालय : 'प्रियदर्शनी' ईस्टर्न एक्सप्रेस हाइवे, मुंबई - 400 022.  
REGD. OFFICE : 'PRIYADARSHINI' EASTERN EXPRESS HIGHWAY, MUMBAI-400 022.  
PHONES : 022 - 24045001 / 2 / 3 / 4

**ANNEXURE**

1. INTRODUCTION
2. ABOUT THE COMPANY
3. STORAGE
4. RECONDITIONING OF VALVES
5. VALVES RECONDITIONING FLOW CHART
6. ON SITE SERVICING OF VALVES
7. CONTROL VALVES OVERALL
8. REPAIR TESTING & CALIBRATION OF SAFETY VALVES
9. ORGANIZATION OF AMRUTHA ENGINEERING
10. COMPANY PARTICULARS
11. LIST OF MANAGEMENT OF STAFF
12. LIST OF MACHINERIES
13. LIST OF INDIAN & MIDDLE EAST CLIENTS
14. PARTICULARS OF MOBILE WORK SHOP
15. PARTICULARS OF VALVES TESTING FACILITIES
16. CREDENTIALS



# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST

## INTRODUCTION

**Amrutha Engineering** Was Incorporated To Cater To The Growing Needs Of The Oil & Gas, Refineries, Petrochemicals, Fertilizers, Fossils, & Nuclear Power Industries In The Country For Mechanical & Instrumentation Services.

**Amrutha Engineering** Is Totally Dedicated Service & Maintenance Facility, Geared With The Latest High-tech Calibration & Testing Equipment To Meet All Your Service Requirements. Supported By Over 15 Highly Qualified & Experienced Engineers & Technicians, We Provide Total Solutions To All Your Valve Engineering Problems.

In Addition To A State Of The Art Workshop, **Amrutha Engineering** Supports You With A Similar Mobile Workshop, Fitted With All The Necessary Machines, Tooling, Testing & Calibration Equipment To Take On Any Sophisticated Task Right From Overhaul, Testing & Calibration. This Mobile Workshop Is Ready At All Times To Be Mobilized to any Remote Offshore Or Onshore Location, For Shutdown, Pre-Commissioning & Commissioning Activities.

Over The Years, We Have Developed A Through Understanding Of Customer Needs. Our Solutions Are Tailor-made For Optimum Satisfaction of Customer Requirements, However Sophisticated They May Be. A Combines Total Of 30 Years Of Man Experience is Added To Our Capabilities When You Use The Experience Available From **Amrutha Engineering**. Our Service Is Always Supported By An Exhaustive Inventory Covering Both Large Products & Spare Parts.

Our Aim Is To Support Petroleum, Petrochemicals, Refinery, Oils & Gas, Fertilizers, Fossils & Nuclear Power Industries In The Country By Providing Reliable Servicing & Maintenance.

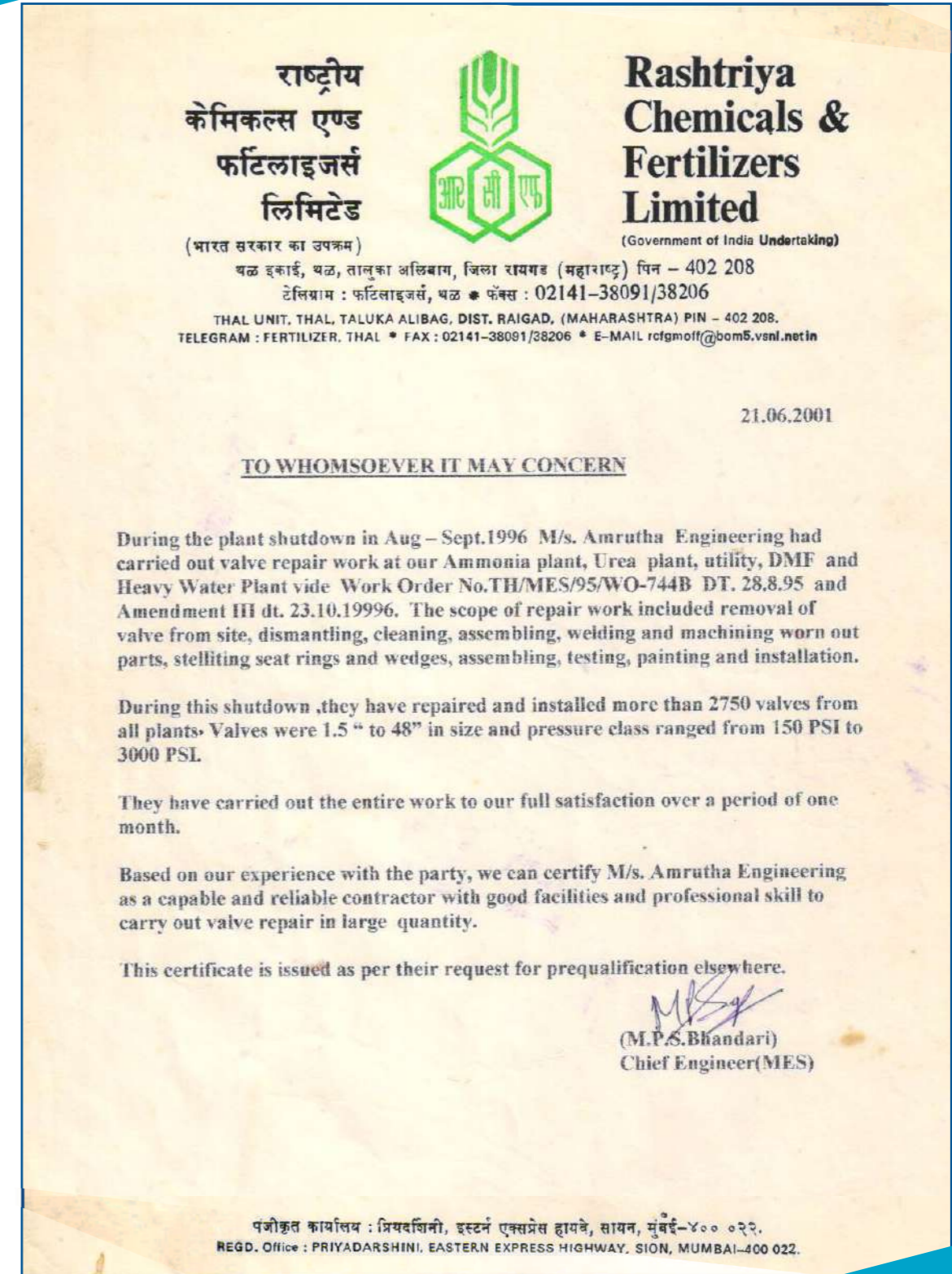
It Is Our Group's Physiology To Exceed Expectations Of Our Valued Customer's Through Outstanding Level's Of Commitment, Service, Quality & Productivity.

**OFFICE & WORKS** : Plot No. 75, Road No. 2, Sector 1-S,  
Panvel - Matheran Road, New Panvel - 410 206  
☎ (O) : (022) 2746 8080 / 2746 0808 Fax : (022) 2745 1222 / 2567 0475  
Email : amrutha\_eng@yahoo.com | amrutha\_engineering@yahoo.co.in  
Website : www.amruthaengineering.com



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# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST



# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST



पी. एस. भाटिया  
महाप्रबंधक (प्रचालन)

**P. S. Bhatia**  
General Manager (Operations)

राष्ट्रीय  
केमिकल्स एण्ड  
फर्टिलाइजर्स  
लिमिटेड



**RASHTRIYA  
CHEMICALS &  
FERTILIZERS  
LIMITED**

(A Government of India Undertaking)

दुबई इकाई, चेंबूर, मुंबई-400 074  
दूरभाष : कार्यालय : 022 2552 2251  
निवास : 022 2766 4052  
फैक्स : 022 2552 2231

Trombay Unit, Chembur, Mumbai-400 074  
Tel. : (O) 022 2552 2251 (R) 022 2766 4052  
Fax : 022 2552 2231  
E-mail : bhatiaps3@rediffmail.com  
psbhatia@rcfltd.com

31 January 2007

### TO WHOMSOEVER IT MAY CONCERN

M/s. Amrutha Engineering, Plot no.75, Sector 1-S New Panvel is regular contractor in the field of reconditioning of valves and has carried out maintenance of critical control valves in Ammonia-V plant in R.C.F. Trombay during April'06 annual shutdown.

02HIC-14, a Fisher UK make vent control valve installed nearly 20 years back on High pressure, high temp steam (100 Kg/cm<sup>2</sup>, 500+ Deg. C) started giving a chronic problem of cage/plug seizing resulting into passing during the normal operation. Due to this there was a loss of energy on continuous basis.

The job was awarded on M/s Amrutha Engineering who took keen interest in diagnosing and rectifying the problem. Party overhauled the valve by repairing the cage and maintaining the required clearances between the cage & plug as per the OEM's recommendation and aligned the internal assembly precisely. Party mobilized expert and experienced engineer who worked round the clock at the site under difficult condition and completed the job successfully.

The vent control valve is working satisfactory since last six months after repairs.

The dedication shown by team of M/s. Amrutha Engineering is appreciated.

This certificate is issued to the party at their request.

(P.S.Bhatia)

The dynamic & expert leadership backed with professional management over last 25 years, it has emerged as totally acceptable choice for almost all establishment needing valve repair service in India. One of our specialty is the capability to provide repair/testing and calibration for all kinds of valves such as:

1. Isolation valve manually operated/with gear box or gear box & motor combination. (These are conventional gate/globe/check/ball/plug/butterfly valves of size ranging normally upto 24inch size pressure class upto 3000psi)
2. Control valves of all kinds & type.
3. Safety relief valves / pilot operated safety valves and vacuum breaker.

### **Our specialty in valve repair service is attributed to following factors .**

1. Well experienced and trained craftsmen and hands on experienced supervisors to over see the activities of craftsmen & strict complaint of applicable code for manufacturing & testinf of valve.
2. Management support with engineering standards / engineering data / repair procedure quality check at stages.
3. Most appropriated and need based equipment and Insitu machines capable to carryout work at valve installed in position or on welded valve inside plant location.
4. Availability of proper repair procedure and engineering standards from reputed authorities as "DUPONT" ARAMCO, KOC etc for petroleum service valves and KELLOG/SNAMPROGETI/ STAMICARBON/TOYO ENGINEERING etc. for fertilizer plant valve.
5. Management commitment to customers for delivery schedule and zero tolerance to quality standard along with adherence to safety compliance.

Our engineering capability, skilled Craftsmen and organization setup had satisfied M/s. Velan valve inc, USA and HP Valve Netherland during their auditing of our facility and therefore approved us as their service provider for Indian Continent.

Should you need any further information or query, please contact us on our website [www.amruthaengineering.com](http://www.amruthaengineering.com) or on email [amrutha\\_eng@yahoo.com](mailto:amrutha_eng@yahoo.com). For urgent need, you may contact our directors on Mobile # 9820017517 or 9819033218.







# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST



## THE COMPANY

### History

**Amrutha Engineering** was in cooperated in 1992 to meet the challenge industries need in reconditioning & refurbishing various kind of valves, the importance of which was not largely recognized at that time & the concept of energy conservation was all but unknown & health/safety/envoironmental legislation was in its infancy

**Amrutha Engineering** began to build its experience in the refurbishment and testing of industrial valves, control and safety relief valves.

Since then, through various contracts covering the whole spectrum of valves, industrial and boiler applications in the chemical, petrochemical, oil, gas, refinery, fertilizer, power & other process industries, amrutha engineering has not only developed unrivalled specialist skills but also amassed a vast database of manufacturers data & an in depth understanding of plant systems and materials technology.

Amrutha Engineering : Open & shut case for excellence in valve refurbishment and testing.

### Quality Strengths

At Amrutha Engineering quality is assured through accreditation to international standards. As well as complying, procedures for the reconditioning and testing of industrial valves. As Independent audits have confirmed, Amrutha Engineering's tightly controlled procedures and skilled workforce ensure that valves are overhauled to their correct design specification.

### Recording Strengths

At Amrutha Engineering we never forget a valve. Data on every unit Overall at our service center is recorded so that we, and our clients, can trace it's complete history with us saving time and cost when identifying a replacement or resolving a query.

### Strengths

- Complete In-house refurbishment facility.
- Purpose-built workshop for industrial valve, control valve and safety relief valve repair and testing.
- Overhead traveling crane.
- Short blast and spray paint equipment.
- Machine tools for turning, milling, boring, drilling etc.
- Arc and MIG welding.
- Testing with Hydraulic to 10,000 PSI  
Pneumatic to 350 BAR

### Vacuum to 14.5 Atmosphere

- Skilled On Site Service Engineers
- Emergency call out facility.
- Well-Stocked Stores of Parts & Materials.



# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST



**Reliance  
Industries Limited**

MIDC Industrial Area, Patalganga 410 220, Tal. Khalapur, Dist. Raigad, Maharashtra.  
Tel.: 02192-50201-5 / 50601-5 (10 Lines) Fax : 02192-50256 / 50257 Gram : 'RELCOMCOP' Telex : 01304 222/211 RIL IN

29/06/01

### TO WHOMSOEVER IT MAY CONCERN

M/s. AMRUTHA ENGINEERING PLOT NO.75, ROAD NO.2, SECTOR 1-S, NEW PANVEL is working with us since 1994 to date for the refurbishment of various types of valves as follows :

- 1) Gate/ Globe/ Check/ Ball/ Butterfly/ Plug valves of sizes ranging from 3/4" - 48" in size and pressure class from 150 to 3000 PSI.
- 2) Safety valves, Relief Valves, Vacuum Breakers of sizes from 1/2" to 12 " and pressure class up to 60 BAR.
- 3) Control valves from 3/4" to 24" in size with Rotorque/ Limatorque/ Valtek/ Fisher Rosement actuators mounting.
- 4) Loading and unloading arms up to 6" in size and various spares.


Till 1998, they had an annual business share between 15 to 20 lakhs for regular and shutdown maintenance but it is within 7 to 10 lakhs per annum due to budget limitation.

We are always getting very good service and co-operation from them and they mobilize required manpower on very short notice even on daily basis.

To the best of our knowledge, they have very good infrastructure and capability to undertake, execute high volumes of jobs within short period of time as per customers requirement.

This certificate is issued to them at their request for them to apply for pre-qualification elsewhere.

For RELIANCE INDUSTRIES LTD.

  
Mr. S.K. Mani  
Asst. Vice President.

Registered Office : Maker Chambers IV, 3rd Floor, 222, Nariman Point, Mumbai - 400 021, India.  
H.O. Fax No. : 022-204 2268

**OFFICE & WORKS** : Plot No. 75, Road No. 2, Sector 1-S,  
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☎ (O) : (022) 2746 8080 / 2746 0808 Fax : (022) 2745 1222 / 2567 0475  
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Website : www.amruthaengineering.com





**Reliance Industries Limited**

5, Trans Thane Creek Industrial Area,  
Thane Belapur Road, Navi Mumbai – 400 701.  
Tel Nos. 30990713/30990738 • Fax No. 27692048

16<sup>th</sup> April 2005

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that M/s AMRUTHA ENGINEERING, having its office and works at New Panvel 410206, is our regular contractor for all kinds of conventional, safety relief / pressure relief, vacuum breaker and control valves repair jobs since 1994. During March 2003, we have awarded a purchase order contract for reconditioning of about 700 safety relief valves and vacuum breakers together with a contract value of Rs. 7.5 lakhs vide work order PS4/75507 dtd. 22/04/2003, which they have completed well within our scheduled time of 02 months to our entire satisfaction and full inspection requirement.

We have long association with M/s AMRUTHA ENGINEERING as they are highly competent and dependable. They rise to any of our occasions and satisfy our requirements technically, quality wise and time schedule, which is essential in most of our cases.

This certificate is being issued to M/s AMRUTHA ENGINEERING at their own request for their pre-qualification elsewhere.

Mr. V. Raj  
Vice President  
Reliance Ind. Ltd.  
( Relene Petrochemicals Division)

Regd. Office: 2<sup>nd</sup> Floor, Chitrakoot, Shree Ram Mills Premises, Ganpatrao Kadam Marg, Worli Mumbai – 400 013.



- **STORAGE**
- Storage of all materials is kept inside the factory accommodation
- Transit packaging varies with size of commodity, distance and destination. All goods are protected against environmental conditions as minimum.
- **After Sales Support**
- Complete product support is available to cover after sales activities, installation, commissioning, servicing and User's training.
- Full historical records of every valve produced and subsequent modification carried out are maintained by the department.
- All relevant standards established also apply to product service
- On-site experience leading to maintenance or involvement in quality is fed back to the engineering department
- Quality control is further supervised by senior personnel at the highest level.







# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST



## RECONDITIONING OF VALVES

Amrutha Engineering's professional inspection and repair service is the cost-effective solution for worn and leaking valves. saving time, cost-and potential damage to your company's reputation.

- 90% of valves consigned to the scrapheap can be repaired economically.
- Reconditioning can be half the cost of a new valve.
- Amrutha Engineering reconditioned valves can eliminate expensive pipework modifications.
- Delivery can be achieved in days, rather than weeks.
- Valuable time and cost can be saved during plant shutdowns and maintenance.

Amrutha Engineering is the sole authorised service shop in India for VELAN Valve, CANADA.

Amrutha Engineering is also a CRANE PACIFIC, USA approved valve repair & modification shop for soft seat modification, block 8. bleed modification. We have been approached by end users to also service other brands viz; VITAS, BABCOCK BORSIG, PETROL, ORBIT, KEYSTONE, TYCO, EDWARD, WALTHON, PERAR, CAMEROON etc. for all critical application high temp & high pressure valves (Gate, Globe, Ball, Butterfly, check, Y type, parallel slide & pressure seal design valves)



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Website : www.amruthaengineering.com



# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST



Amrutha Engineering  
Plot 75, Road N° 2, Sector 1-S  
410206 New Panvel  
India

Our ref: Supplier 00151  
From: Johan van Rietschoten  
Date: September 18th, 2014  
Subject: Service Authorization Letter

HP Valves Oldenzaal BV

P.O. Box 151  
7570 AD Oldenzaal  
The Netherlands

Zulphensstraat 1  
7575 EJ Oldenzaal

Direct tel. +31 (0)541 573054  
Fax +31 (0)541 573050  
Internet: www.hpvalves.com  
E-mail: jvr@hpvalves.com

Medium & high-pressure valves in  
accordance with ASME, EN, BS & API

To who it may concern,

This letter is to confirm that:

Amrutha Engineering

has been appointed as the representative service center of HP Valves Oldenzaal BV & Key Valve Technologies for:

Valves supplied through HP Valves Oldenzaal BV and currently in use at end-users located in India.

Amrutha Engineering has been appointed to execute service related work on behalf of HP Valves and will receive full support to provide service according our customers expectations.  
This appointment letter will remain valid until withdrawn.

Yours sincerely  
HP Valves B.V.

Johan van Rietschoten  
Service Coordinator

Bank: ABN-AMRO IBAN No.: NL88ABNA0595541437 BIC: ABNANL2A  
Euro-account: 59.55.41.437 US \$-account: 57.60.74.780  
Trade register Enschede, 06058750  
VAT. nr.: NL 008671242 B 01

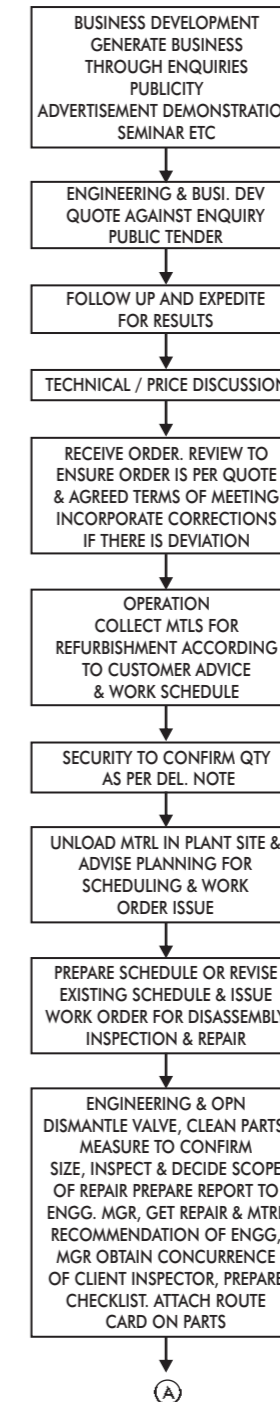


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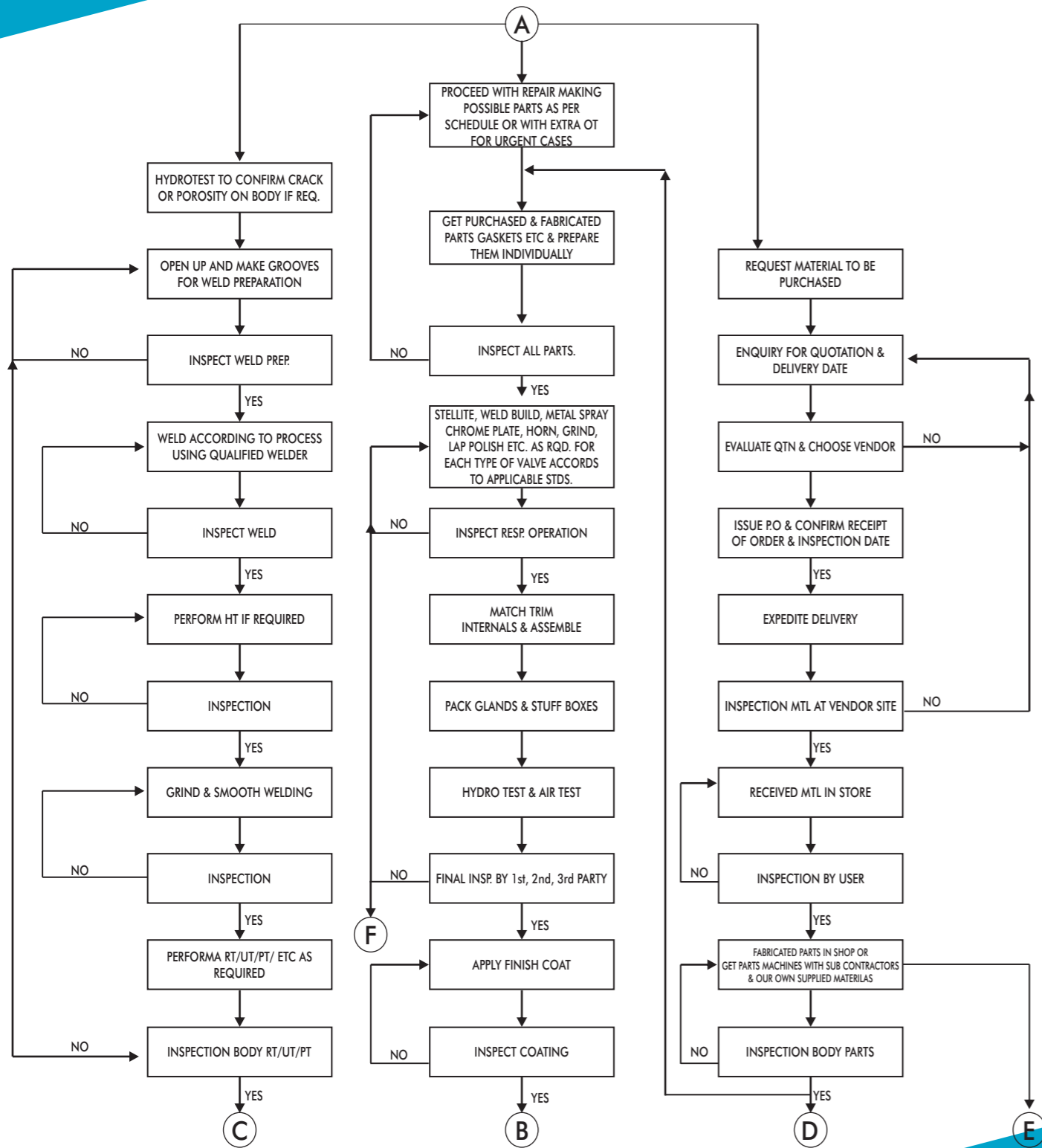




**RECONDITIONING FLOW CHART**



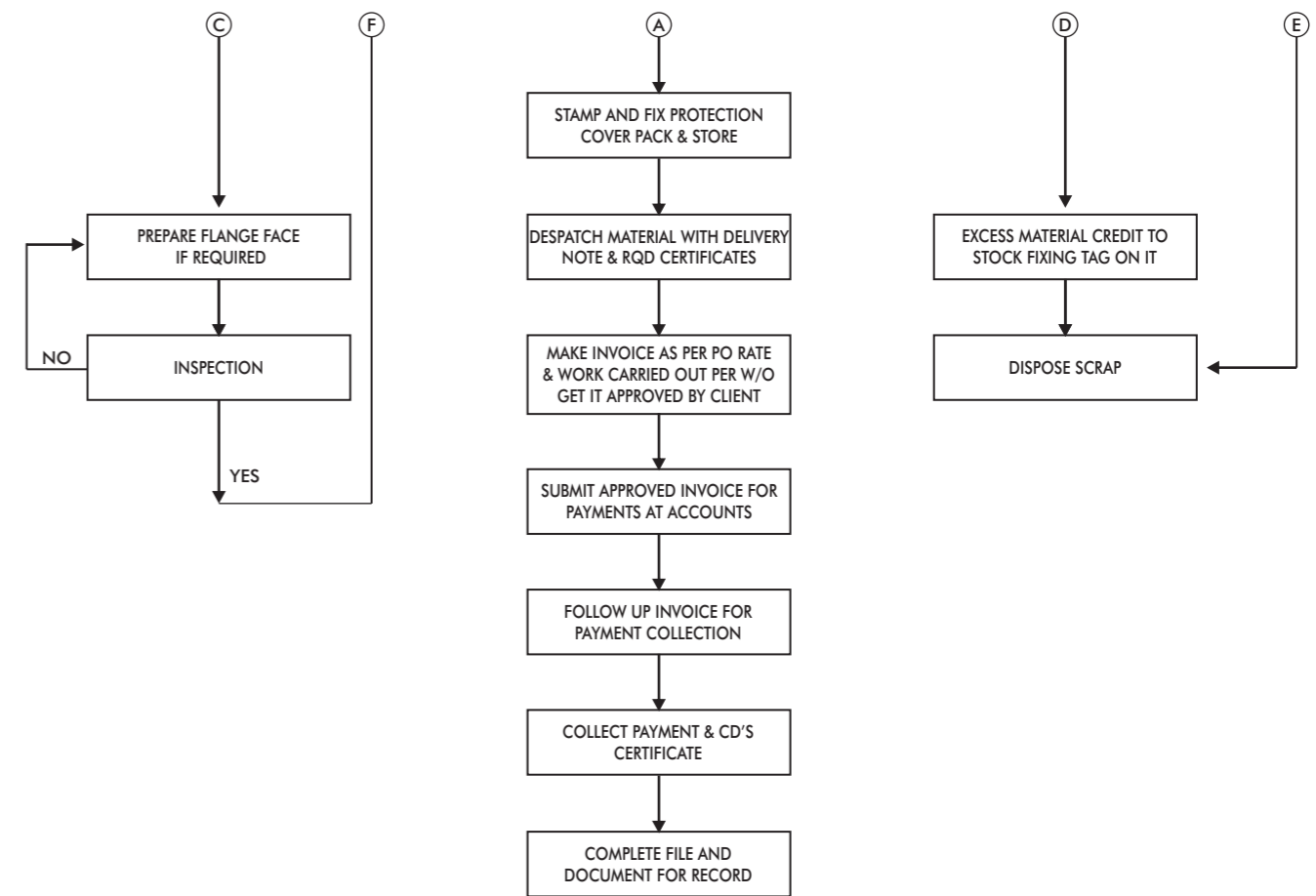








# Credentials







**ON-SITE SERVICES**

Amrutha Engineering is available round the clock to provide a highly skilled on-site service consisting of qualified engineers & experienced technicians, capable of in-situ valve repair as well as the replacement of valves, bonnets joints & repacking valve glands.

- Our on-site services can be particularly useful during plant shutdown, maintenance and overhauling, either to overcome a shortage of labour with the necessary specialist skills, or to compliment your own workforce.
- Amrutha Engineering's comprehensive site survey will ensure you are always given the best possible advice.
- Our field engineers are specialists in modifying existing valves or providing comprehensive valve engineering solutions.
- Tight schedule and awkward locations are second nature to us.
- Amrutha Engineering provides in-situ repair and servicing for valves which are either impossible or inconvenient to remove.



**Onsite Services.**  
Everywhere. Anytime.



**Testing a Control Valve**

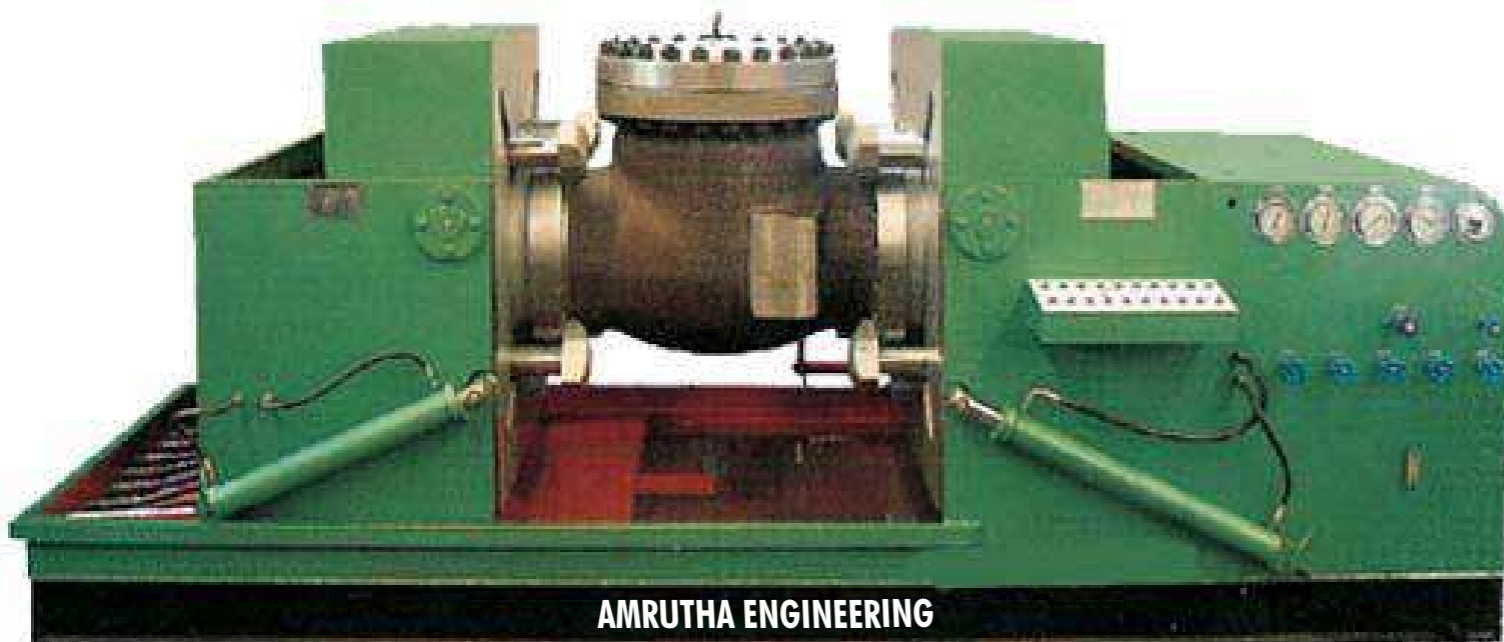


**Control Valve Test Rig**





### Testing a Non-Return Valve



**AMRUTHA ENGINEERING**

### Isolation Valve Test Rig



### CONTROL VALVE OVERHAULS



Amrutha Engineering covers all types and sizes of valve for every type of plant. Our professional reconditioning service covers wedge gate, globe, check, ball, taper, plug and specialized valves with virtually no upper limit on size.

- Every valve received by Amrutha is dismantled and checked carefully for wear against original tolerances.
- Amrutha reconditioned valves offer an economical route to extending the useful life of existing equipment.
- Every aspect of our service is certified to is09002.
- Every Amrutha valve is fully tested and certified to manufacturers standards before being returned to service.

Amrutha Engineering Technicians & Engineers Have Had Formal Training By Several Leading Control Valve Manufacturers. We Have Serviced Various Brands Viz; Fisher, Foxboro, Masoneilian, Valtek, Neles Jamesbury, Hopkinsons.





**SAFETY VALVES REPAIR TESTING**

Inspection and reconditioning is carried out under separate control in our purpose built 'clean' facility.

- Amrutha Engineering technicians are trained by one of the world's leading manufacturers of safety valves.
- our in-house procedures meet the highest standards of safety and quality.
- We welcome independent inspection of our overhaul and test procedures, either by a client's own inspectors or by outside authorities.
- Every aspect of our service is certified to ISO 9002.

At Amrutha Engineering we have serviced various brands viz; Dresser consolidated, Crosby, Keystone 8. AGCO.



**Testing a Globe Valve**



**Isolation Valve Test Rig**

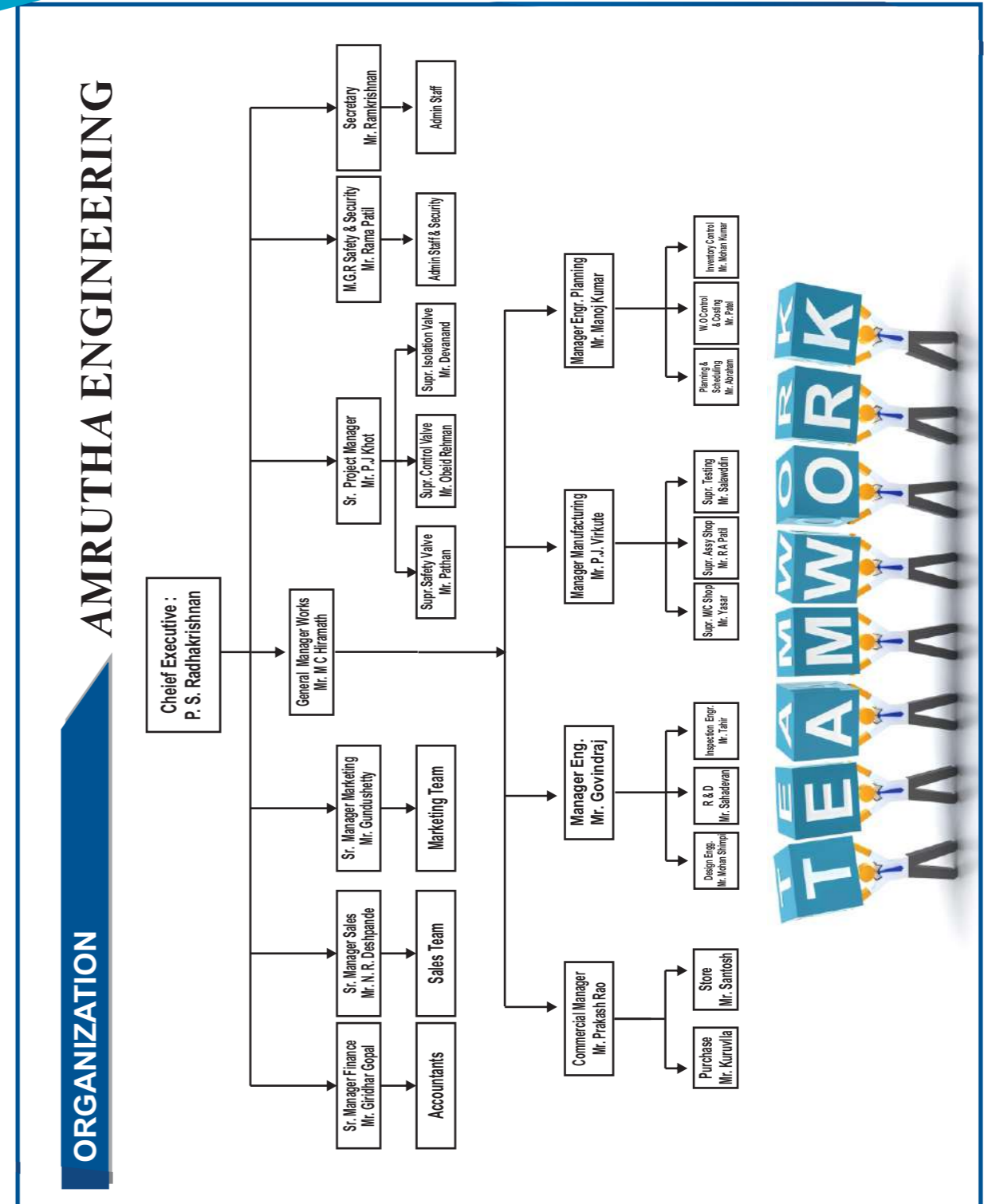




Testing a Butterfly Valve



Isolation Valve Test Rig





# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST



# AMRUTHA ENGINEERING

VALVE SERVICES SPECIALIST

## COMPANY PARTICULARS

|                         |  |
|-------------------------|--|
| Name of the Firm        | : M/s. Amrutha Engineering                         |
| Regd. Off. & Sales Off. | : Plot No. 75, Road No. 2, Sector-1-S, New Panvel. |
| Plant Area              | : A) 400 Sq.mt ( New Panvel )                      |
| Nearest Railway Station | : Panvel   |
| Telephone Nos.          | : 022-27460808 / 27468080                          |
| Mobile Nos.             | : 9820017517 / 9820070317                          |
| Fax No.                 | : 022-27451222                                     |
| Contact Persons         | : Mr. P. S. Radhakrishnan - Chief Executive        |
| Factory Address         | : Plot No.75, Road No.2, Sector-1-s, New Panvel    |
| Name of Banker          | : Bank Of India, Kopri Colony Branch, Thane (e)    |
| Vat Registration No     | : Vat Tin No. 27670666115 V Dtd. 16/07/2008        |
| Cst Registration No     | : Cst Tin No. 27670666115 C Dtd. 16/07/2008        |
| Pan No                  | : AAFPR3104B                                       |
| IEC Registration No     | : 0307071169                                       |

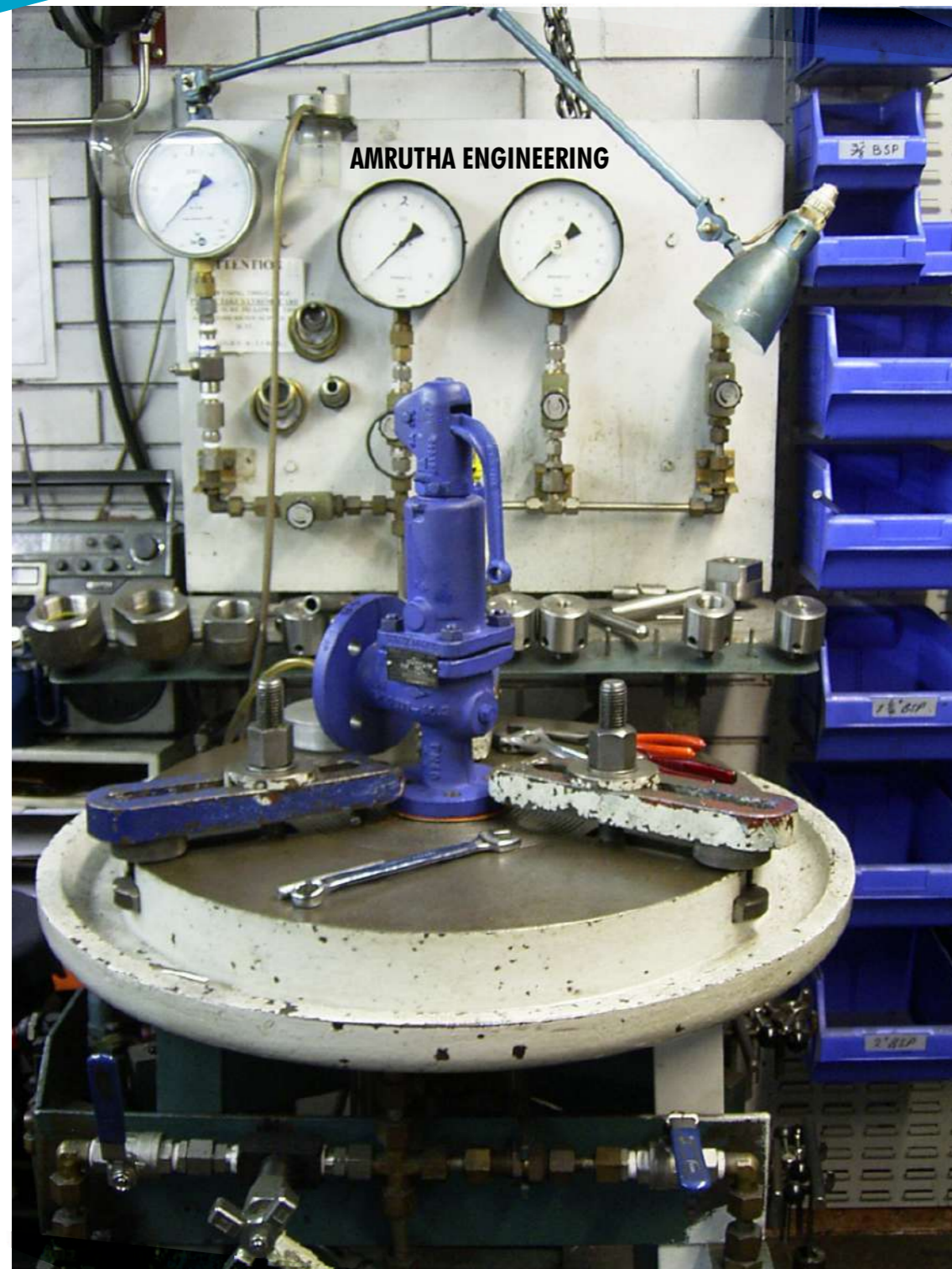


**Safety Valve Test Stand**

**OFFICE & WORKS** : Plot No. 75, Road No. 2, Sector 1-S,  
Panvel - Matheran Road, New Panvel - 410 206  
☎ (O) : (022) 2746 8080 / 2746 0808 Fax : (022) 2745 1222 / 2567 0475  
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Email : amrutha\_eng@yahoo.com | amrutha\_engineering@yahoo.co.in  
Website : www.amruthaengineering.com





**Safety Valve Test Stand**

**LIST OF MANAGEMENT & STAFF**

- |                                   |           |
|-----------------------------------|-----------|
| 1. Chief Executive                | - 01 No.  |
| 2. General Manager                | - 04 No.  |
| 3. Secretary                      | - 01 No.  |
| 4. Managers                       | - 04 No.  |
| 5. Purchase Engineer              | - 01 No.  |
| 6. Storekeeper                    | - 01 No.  |
| 7. Design Engineer                | - 01 No.  |
| 8. Inspection Engineer            | - 01 No.  |
| 9. R & D Engineer                 | - 01 No.  |
| 10. Supervisor Workshop           | - 01 No.  |
| 11. Supervisor Assy. Shop         | - 01 No.  |
| 12. Supervisor Testing & Despatch | - 01 No.  |
| 13. Planning Engineer             | - 01 No.  |
| 14. Safety Officer                | - 01 No.  |
| 15. Engineering Staff             | - 08 Nos. |
| 16. Administration Staff          | - 05 No.  |
| 17. Craftsman Skilled             | - 12 Nos. |
| 18. Craftsman Semi-Skilled        | - 16 Nos. |
| 19. Craftsman Unskilled           | - 06 Nos. |





### LIST OF MACHINERIES

|  |            |
|--|------------|
| • Lathe Machine (Small to Big for valve upto 20 Inches)          | 8 Nos.     |
| • Milling Machine  | 1 Nos.     |
| • Shapping Machine   | 1 Nos      |
| • Lapping machine  | 1 Nos.     |
| • Drilling machine   | 2 Nos.     |
| • Grinder  | 2 Nos.     |
| • Welding machine  | 4 Nos.     |
| • High Pressure Air compressor upto 350 Bar Capacity             | 3 Nos.     |
| • Air compressor Pressure upto 100 PSI                           | 10 Nos.    |
| • Hand Test Pump Pressure upto 1000 bar                          | 1 Nos.     |
| • Hydraulic Pump Pressure upto 360kg/cm <sup>2</sup>             | 2 Nos.     |
| • Safety Valve Tested Stand                                      | 6 Nos.     |
| • Hydraulic & Pneumatic Testing Arrangement For Isolation Valves | 8 Set Each |
| • Control Valve Test Stand                                       | 6 Set Each |
| • Hydraulic Pres (upto 20000 PSI)                                | 2 Nos.     |
| • Mobile Workshop with complete machineries Inside               | 3 Nos.     |
| • High pressure Plunger Pump                                     | 2 Nos.     |
| • Insitu Lappting machines                                       | 12 Nos.    |
| • Flange Facing/ Serrating Machine                               | 4 Nos.     |
| • Air Reservoirs   | 2 Nos.     |
| • Torque Wreuches (Range 1M 3/8"-2" Inch Size)                   | 12 Nos.    |
| • Assorted Tools From 1/8 Inch To 3" inches Size                 | 6 Lots.    |

# Valve Testing Rigs





**INSIDE OF MOBILE MACHINERIES NO.3**



**INSIDE OF MOBILE MACHINERIES NO.4**



**LIST OF OUR CLIENTS**

**INDIAN CLIENTS**

- Mazagon Dock Limited (Mumbai)
- Naval Dockyard (Mumbai)
- Bharat Petroleum Corporation Limited (Mahul, JNPT)
- Bombay Dyeing & Manufacturing Ltd (Patalaganga)
- Brihan Mumbai Municipal Corporation (Mumbai)
- Chennai Petroleum Corporation Limited (Chennai)
- Deepak Fertilizers and Petrochemical Corp. Ltd. (Taloja)
- Gas Authority India Limited (Usar, Baroda, PATA)
- Gujarat State Electricity Corp. Ltd. (Jamnagar-Gandinagar)
- Hindustan Organic chemicals Limited (Rasayani)
- Heavy water plant (manuguru, Baroda, Kota & Rawat Bhatta Kota)
- Rajasthan Atomic Power Plant (Rapp 3 & 4 Kota)
- Tarapur Atomic Power plant (TAPP 3&4 Tarapur)
- Hindustan Petroleum Corporation Ltd. (Mahul)
- Indian Oil Corporation Ltd. (Digboi, Gauhati, Barauni, Mathura, Panipat, baroda, Halada)
- Indian Farmers Fertiliser co-operative Limited (pardeep, Kalol, Allahabad)
- Oil & Natural Gas Corporation Limited (Uran, Hazira & Offshore)
- National Fertilizers Limited (Naya Nangal, Panipat, Vijapur)
- National Thermal Power Corporation (Hazira, Singurali)
- Rashtriya Chemicals & Fertilizers Ltd. (Trombay, Thal)
- Reliance Industries Limited Ptlganga, Hazira, Jamnagar, JNPT)
- Maharashtra State Electricity Board





**MIDDLE EAST CLIENT**

**Saudi Arabia**

- Saudi Arabia Basic Industries Corporation - Jubail
- Petrokemiya - Jubail
- Al Jubail Fertilizer Co (Samad) - Al Jubail
- IBN Al-Bayter - Al Jubail
- AR - Razi - Al Jubail
- Hadeed - Al - Jubail
- Safco - Dammam
- Saudi Electricity Supply Company - Dammam

**B - QATAR**

- All Shaheen Refinery - Mesaieed Indl. City-Qatar
- Qatar Gas - Laffan Refinery - Qatar
- Mesaieed Power - Qatar
- Saliyah Power Plant (Natural Oil & Gas) AR-Rayyan-Qatar

**C - UNITED ARAB EMIRATES**

- Ruwais Power Co-PJSC- Jabal Aldhanna, Al Gharabia-Adh
- Shuweihat Power Plant - Abudhabi
- Sidira Fertilizer Factory - Al -Ain (UAE)
- Abudhabi Fertilizer Industries Co. WLL
- Emirates Bio-Factory - Al AIN (UAE)
- AL Ghail Power LLC-Rak



**INSIDE OF MOBILE MACHINERIES NO.1**



**INSIDE OF MOBILE MACHINERIES NO.2**







**AMRUTHA ENGINEERING**  
VALVE SERVICES SPECIALIST



**AMRUTHA ENGINEERING**  
VALVE SERVICES SPECIALIST

**MOBILE WORKSHOP NO.3**



# MOBILE WORKSHOP

**OFFICE & WORKS** : Plot No. 75, Road No. 2, Sector 1-S,  
Panvel - Matheran Road, New Panvel - 410 206  
☎ (O) : (022) 2746 8080 / 2746 0808 Fax : (022) 2745 1222 / 2567 0475  
Email : [amrutha\\_eng@yahoo.com](mailto:amrutha_eng@yahoo.com) | [amrutha\\_engineering@yahoo.co.in](mailto:amrutha_engineering@yahoo.co.in)  
Website : [www.amruthaengineering.com](http://www.amruthaengineering.com)

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**AMRUTHA ENGINEERING**  
VALVE SERVICES SPECIALIST

**MOBILE WORKSHOP NO.1**



**AMRUTHA ENGINEERING**  
VALVE SERVICES SPECIALIST

**MOBILE WORKSHOP NO.2**



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