



NATIONAL FITTINGS LIMITED

"A Complete Piping Solution"



- * **Products for Grooved Piping**
- * **Ductile Iron Screwed Fittings**
- * **Ductile Iron Ball Valves**
- * **Ductile Iron Butterfly Valves**
- * **Post Indicators**
- * **Stainless Steel Ball Valves**
- * **Stainless Steel Fittings**



Ductile Grooved Fittings



Ductile Screwed Fittings



SS Fittings



SS Ball Valves



SS Grooved Couplings & Fittings





NATIONAL FITTINGS LIMITED

Registered & Works office / factory address :

SF 112, Madhapur Road,
Kaniyur
Karumathampatti Via
Coimbatore - Tamil Nadu
INDIA - 641 659

Contact details :

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Visit us at : www.nationalfitting.com

Bank details :

Account Name : NATIONAL FITTINGS LIMITED
Bank Name : BANK OF INDIA
Address : Coimbatore Main Branch
324, Oppanakara Street
Coimbatore - 641 001
Tamil Nadu, INDIA
Account No. : 820020100002243
Swift Code : BKIDINBBCOM





NATIONAL FITTINGS LIMITED



Policy :

NATIONAL FITTINGS LIMITED., is committed to satisfy the various needs of customers as a manufacturer of Pipe Fittings in accordance with National & International Standards.

Over the 25 years we have steadily grown the business to the present capacity of 10000 Tons per Year and expected to the expand the manufacturing up to 20,000 Tons Per Year during the next Two to Three years.

NATIONAL FITTINGS LIMITED., is a centralized, professionally managed, responsive organization, supported with innovative product designs, economical production engineering, acceptable quality controls and service oriented marketing have made **NATIONAL FITTINGS LIMITED** a growing force for the Pipe products in the market.

Being managed by a team of qualified professionals, the company has prudently followed the policy of strict Quality Assurance, Further, our products are approved by well known companies in the Pipe line industries.

NATIONAL FITTINGS LIMITED is an **ISO 9001-2008** certified company and our Ductile Iron products meet the performance requirement of;

- 1.) Underwriters Laboratories Inc (U.S.A) & (CANADA)
- 2.) Factory Mutual Engineering Company (U.S.A.)
- 3.) New York Board of Standards and Appeals

GOVERNMENT STATUTORY REGISTRATIONS :

- | | | |
|----------------------|---|-----------------|
| 1.) C.S.T | : | 629030 |
| 2.) TIN | : | 33681881275 |
| 3.) Central Excise : | | AAACI4737MXM002 |
| 4.) Export License : | | 3293015085 |
| 5.) Service Tax : | | AAACI4737MST001 |
| 6.) Factory License: | | CB7157 |
| 7.) GST No. | : | 33AAACI4737M1ZG |





NATIONAL FITTINGS LIMITED

ONGOING APPROVAL PROCESS OF :

- 1.) ISO 14001:2004 - Environmental Management System (TQM Advantage Quality)
- 2.) OHSAS 18001:2007 - Occupational Health and Safety Management (TQM)
- 3.) CE -PED 97/23/EC - Pressure Equipment Directive
- 4.) IBR - Indian Boiler Regulations
- 5.) DNV - Det Norske Veritas (Industrial Services)

DETAILS OF OUR PRODUCT RANGE:

- 1.) Ductile Iron Grooved Couplings & Fittings from size 1" - 32"
- 2.) Ductile Iron Screwed Fittings from size 1/2" - 4"
- 3.) Ductile Iron Ball Valve, Butterfly Valve & Check Valves from size 1" - 4"
- 4.) Stainless Steel / Alloy Steel Screwed & Socketweld Fittings from size 3/8" - 4"
- 5.) Stainless Steel Ball Valve with Threaded, Socketweld & Buttweld ends 1/4" - 4"
- 6.) Stainless Steel Grooved Couplings from size 1" - 6"

PRODUCTION FACILITIES :

NATIONAL FITTINGS LIMITED has its Design, Manufacturing and Marketing activities in Kaniyur, Coimbatore. The casting components for the manufacture of pipe fittings are supplied from its own production facilities of associated companies. This provides the flexibility and necessary controls to assure quality, reliability and serviceability.





NATIONAL FITTINGS LIMITED

FACILITY, CAPACITY & STANDARDS

1.) Multi Locational manufacturing facilities with state-of-the-art equipments to produce quality Iron castings.

Covered Area : 100,000 Sq. Ft

Capacity : 10,000 Tons per year

2.) Facility to manufacture quality Stainless Steel products using investment casting / Lost wax process.

Covered Area : 48000 Sq. Ft

Capacity : 600 Tons per year

3.) Machining, Assembly & Testing facility for Valves, Fittings

Covered Area : 60,000 Sq. Ft

4.) Total Capital employed : 10.0 Million US\$

5.) Manpower employed : 400

6.) Power Utilisation : 5000 KW

MATERIAL STANDARD :

1.) Ductile Iron : ASTM A-536 (Grade - 65-45-12)

2.) EPDM Rubber Gasket : ASTM D2000 "E" (2CA615A25B24F17Z) suitable for -30°F to 230°F

3.) NITRILE Gasket : ASTM D2000 "T" (BUNA-N) suitable for -20°F to 180°F

4.) Nut & Bolts : ASTM A-183 or A-449

5.) Stainless Steel : Grade - 304, 304L, 316 & 316L (ASTM A-351-CF8M)

DIMENSION STANDARD :

1.) Grooved Fittings : ANSI, AWWA C-606

2.) Threaded Fittings : ANSI/ASME B-16.3, ISO 4144

3.) Threaded Outlets : NPT, DIN (ANSI/ASEM B-1.20.1, ISO 7)





NATIONAL FITTINGS LIMITED

TESTING & QUALITY ASSURANCE

TECHNIC OF MATERIAL TEST (DESTRUCTIVE / NON DESTRUCTIVE)

A well equipped quality assurance system inspects every components stage by stage and thus ensures that all the valves, fittings and other special components are without any defects. National Fittings thru its regular lot wise testing of finished products for hydrostatic, flexural, vibration, high and low temperature needs, assures performance standards, Periodic testing by outside laboratorie verifies National Fittings test results. Products manufactured and marketed by National Fittings are listed by UL & FM Approved.

QUALITY CONTROL SETUP :

Q.C. PERSONNEL CONTROLS QUALITY AT THREE STAGES.

1.) INWARD INSPECTION

- a.) Visual and dimensional check with proper documentation
- b.) Analysis of chemical and physical properties as per specifications

2.) PROCESS INSPECTION

- a.) Product sampling for physical analysis.
- b.) Dimensional check of product

3.) FINAL INSPECTION

- a.) Dimensional check as per standard.
- b.) Correlation of LOT NO. with MTC (Material Test Certificate)
- c.) Visual inspection of finished product.

TEST FACILITIES (IN HOUSE / OUTSIDE)

- a.) Hydrostatic, Flexural, Vibration, High and low temperature needs (In house)
- b.) Periodic testing by UL & FM inspection agencies (Outside)
- c.) Ultrasonic Thickness check & Hardness Test (In house)
- d.) Metallurgical Test Physical and Chemical (Inside)

- Necessary tools / equipments are available in adequate nos.

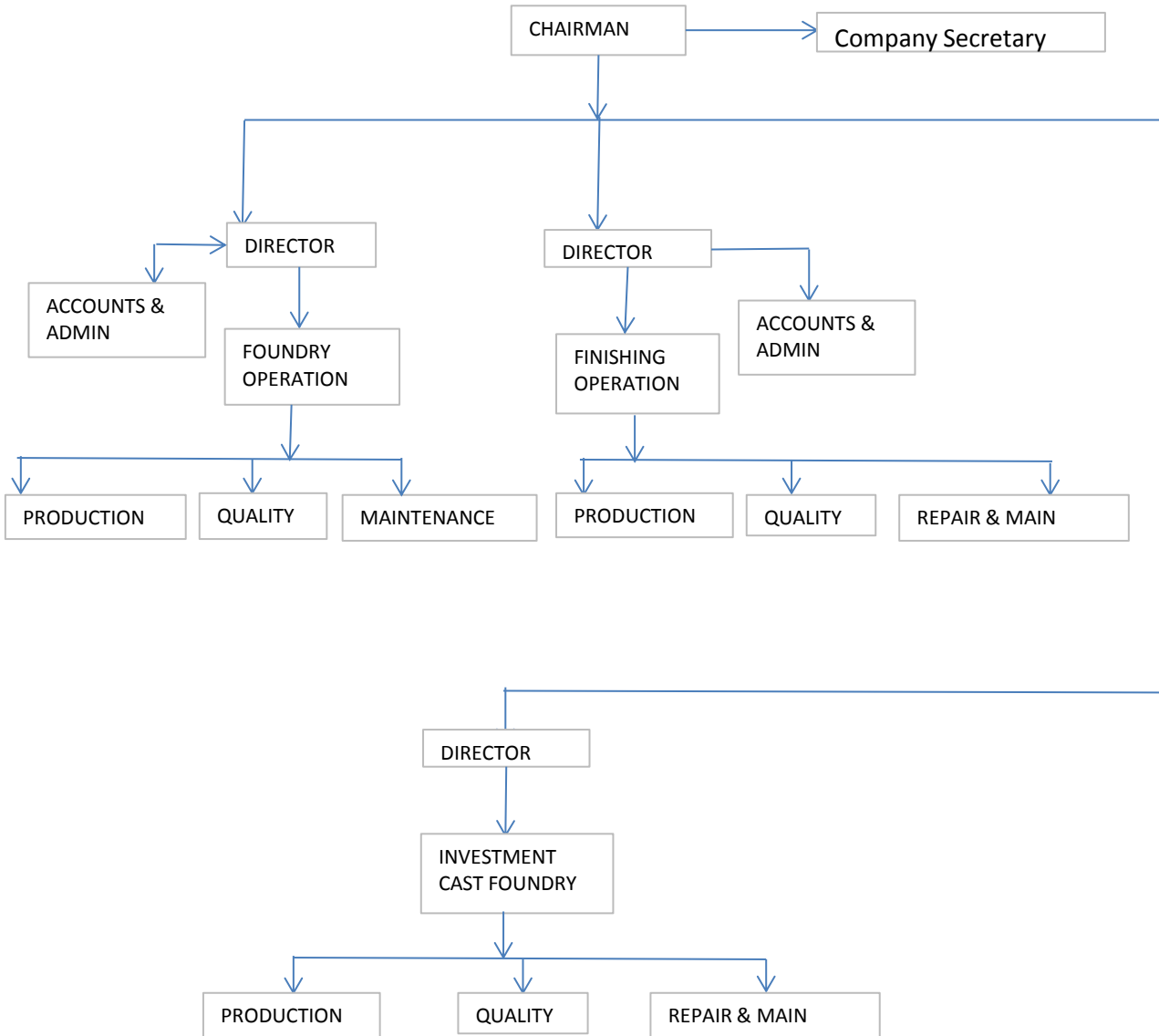
- The production department has all the necessary measuring instruments as callipers, micrometers, gauges & etc..





NATIONAL FITTINGS LIMITED

ORGANIZATION CHART





TYPICAL PLANT ROOM, GROOVING PROGRESS AND HIGH LEVEL PIPING





DUSIT, SHANGARILA HOTELS AND BURJUMAN SHOPPING COMPLEX





TALLEST RESIDENTIAL TOWER AND 32" [800 MM] NATIONAL COUPLING DUBAI AIRPORT



Project Reference : Iconic and major projects.

Project Name	Location	Service	Contractor / Client
Jumeirah Town Centre	Dubai, UAE	Fire Fighting Svs.	Emirates Voltas , Kennedy & Donkins
Emirates Technical Centre	Dubai, UAE	Fire Fighting Svs.	Wormald Gulf / Halcrow / Emirates
Jumeirah Hotel & Aqua Park (wild Wadi)	Dubai, UAE	Fire Fighting Svs.	BK Gulf / WS Atkins
Dusit Hotel (37 floors)	Dubai, UAE	Fire Fighting Svs.	Reliance / Khatib & Alami
The Centre for Strategic Studies	Abu Dhabi , UAE	Fire Fighting Svs.	Cansult / Ministry of Defence
Expo Centre (exhibition halls)	Sharjah , UAE	Fire Fighting Svs.	Cansult / Ministry of commerce -Shj
Convention Centre (World Trade Centre)	Dubai, UAE	Fire Fighting Svs & Chilled water	BK Gulf / Juma Al Majid / R M J M
Burjuman Shopping mall (26 Floors)500,000sq.m	Dubai, UAE	Fire Fighting Svs.	Kharafi National / Dar Al Handasha
Shangarila Hotel (45 floors)	Dubai, UAE	Fire Fighting Svs.	Sensaire svs/ Norr Group / Al Jaber Gp.
Madinat Al Jumeriah Hotel	Dubai, UAE	Fire Fighting Svs & Plumbing	Transgulf/ RPW / Africon/ DSA
Jumeirah Beach Res: (~ 35 floors x 28 Buildings)	Dubai, UAE (Marina)	Fire Fighting Svs & Chilled water	Arabtec / DCE / Arenco/ IBA / TEKOM
Dubai Intn'l Financial Centre(DIFC)	Dubai, UAE	Fire Fighting Svs & Chilled water	Bilt Middle East / ABM
Burj Dubai Old Town Developments	Dubai, UAE	Fire Fighting Svs.	ETA / CCC / Emaar
Palm Jumeirah Fattan Tower	Dubai, UAE	Fire Fighting Svs.	IEMS / CKR consultants
Atlantis	Dubai, UAE	Fire Fighting Svs.	IEMS / Ian Banham // Isthimar
U Bora Tower (56 floors & 20 Floors -twin)	Dubai, UAE	Fire Fighting Svs & Chilled water	Sensaire svs/ Whity & Bird /Dubai Propert
Sports complex - swimming & diving	Dubai, UAE	Fire Fighting Svs & Chilled water	Bin Ladin Group / Dubai Municipality
Shams Gate towers @ Reem Island.	Dubai, UAE	Fire Fighting Svs & Chilled water	Thermo LLC / Ian Banham & Hills
Al Raha Beach Dev & Hotel	Abu Dhabi , UAE	Fire Fighting Svs & Chilled water	Thermo LLC / TEST / DMJM
Ministry of Education	Dubai, UAE	Fire Fighting Svs & Chilled water	Minco // Turner Stainer
Creek Tower Apartments	Dubai, UAE	Fire Fighting Svs & Chilled water	Thermo // WS Atkins / Edara
Rose (Rotana Hotel Tower) (72 storey-333m)	Dubai , UAE	Fire Fighting Svs & Chilled water	Thermo LLC / Khatib & Alami /Abbco Group
Distric Cooling ,Shk Zayed City	Abu Dhabi , UAE	Central Chilled water supply	Thermo / SNC Lavalin
King Abdulla Financial District	Saudi Arabia , Kingdom	Fire Fighting Svs / & or Chilled water	Saudi Oger /Omrانيا Consultant
King Abdulla University	Saudi Arabia , Kingdom	Fire Fighting Svs / & or Chilled water	Drake & Scull / Saudi Aramco
Price Noura Bint Abdulrehman University.	Saudi Arabia , Kingdom	Fire Fighting Svs / & or Chilled water	Saudi BinLadin / Dar Al Handassha
Al -Immam University	Saudi Arabia , Kingdom	Fire Fighting Svs / & or Chilled water	SBTMC / Typsa Consulting Engineers.
Meridian Tower	Saudi Arabia , Kingdom	Fire Fighting Svs / & or Chilled water	Saudi Oger / Projacs
Airport Hangers (Riyadh & Jeddah)	Saudi Arabia , Kingdom	Fire Fighting Svs.	Oger / ARH Consultant Gp
Ministry Of Interior	Saudi Arabia , Kingdom	Fire Fighting Svs.	ETA Group/ Khatib & Alami Consultant
College of computer & IT	Saudi Arabia , Kingdom	Fire Fighting Svs.	HATCO / EMAR Consultant
Al -Swaillem Tower	Saudi Arabia , Kingdom	Fire Fighting Svs.	Saudi Labanese Tarouk Cont / Projects
Pearl Tower (22F)	Doha , Qatar	Fire Fighting Svs / & or Chilled water	
New Doha International Airport	Doha , Qatar	Fire Fighting Svs / & or Chilled water	ADCC /Bechtel /HOK /Scott wilson
City Centre	Doha , Qatar	Fire Fighting Svs / & or Chilled water	
Financial Center	Bahrain	Fire Fighting Svs & Chilled water	Al Hamad group

Project Reference : Iconic and major projects

Project Name	Location	Service	Contractor / Client
Al Hamra Tower (78 Floors)	Kuwait	Fire Fighting Svs	Kharafi National /Turner / Al Jazeera
The Eighth Gate project	Damascus- Syria	Fire Fighting Svs	Almarassem - Bin Ladin Group.
Emirates Staff Accomadation	Dubai, UAE	Fire Fighting Svs / & or Chilled water	Trinity Group / Arch Consultants
Meydan Business Park	Dubai, UAE	Fire Fighting Svs.	Powerpoint / TAK / Mammut Contg.
Nilano Tower / Marriot Hotel	Dubai, UAE	Fire Fighting Svs.	Arif&Bintoak/ CKR Consulting Engg.
St.Regis Resort , Saadiyat Islan	Abu Dhabi , UAE	Fire Fighting Svs.	Murray & Roberts
GAMCO Aiport Hanger	Abu Dhabi , UAE	Fire Fighting Svs.	Tyco / GAMCO
JW Marriot Hotel	Abu Dhabi , UAE	Fire Fighting Svs.	ETA / OTAK
Polymer Park	Abu Dhabi , UAE	Fire Fighting Svs.	Transemirates/ P&T Architects & Engrs.
Ruler's Court	Dubai, UAE	Fire Fighting Svs.	Khansaheb/ Arif &Bintoak / EO
King Fahad Hospital	Saudi Arabia , Kingdom	Fire Fighting Svs.	Saudi Oger / National Guard Consultant.
Mobily Technical Building	Saudi Arabia , Kingdom	Fire Fighting Svs.	Saudi Build / Al Mutaliq & Bunahayah



NATIONAL FITTINGS LIMITED

APPROVALS / CERTIFICATES

