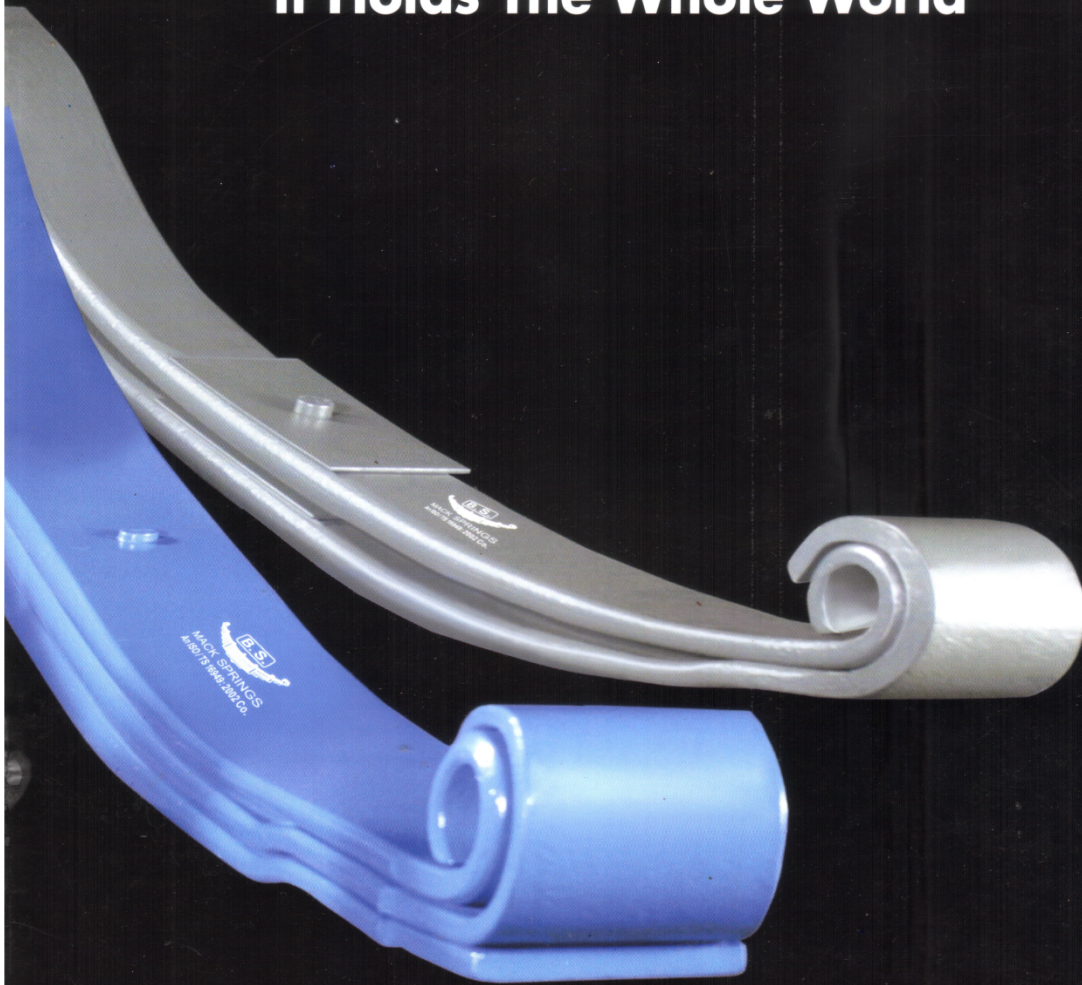




MACK SPRINGS

It Holds The Whole World



World class Mfg. of Automobile Leaf Springs & Parabolic Springs

COMPANY PROFILE

A company established to create high performance, high quality springs (**Conventional & Parabolic**) that would cater to very complex & dynamic market. Years over which we have truly blossomed not just in our skills but in our product ideas themselves, our craftsmanship & our service. This continuing growth is routed in our commitment to our customers & their ever evolving needs.

It's a dedication that is mirrored in our wide spectrum of products each of which has been born out of a unique & demanding customer. Whatever nature & size of your requirement you can depend upon **MACK SPRINGS** to deliver with precision care and courtesy. Our Team of experienced Designer, Tool & Die makers & Production men are well equipped to undertake any challenges. Due to high precision & best of material selection our products have carved a niche in Indian Industries. Our identity **MACK SPRINGS** is the real hallmark of quality products in Indian as well as Global Market.

We are specialized in development of products as per customer's requirements. The Company designs and develops their own Inspection gauges and equipments.

Our commitment is total to quality, durability and reliability. We go an extra mile with our clients to establish a successful and long-term business relationship, constantly seeking ways and means to provide higher level of customer satisfaction. We do extensive market research to understand and meet the growing demands of automobile industry which is ever changing. We continuously upgrade quality standards in line with the trends for the next millennium thereby benefitting the customers. At the end of the day, our only assets are our clients and our reputation. We need to exceed each & every expectation that our clients has – this means we also have to anticipate and manage future expectations. This also means never over-committing.

Company Name	: Mack Springs (MFG. : Parabolic & Multileaf Springs)
Managing Director	: Mr. Sukhvinder Singh Bhasin (Sunny Bhasin) Mr. Jasvinder Singh Bhasin (Rummy Bhasin) Mr. Jasjeev Singh Bhasin
Established In Year	: 1951
Testing Facilities	: InHouse laboratory for chemical & metallurgical Inspection, Decarb, microstructure, Surface & core Hardness, Shot-peening & Stress-peening intensity, Load testing & Fatigue Testing.
Degree Of Automation	: Manual & Semi Automatic.
Plant Capacity (Monthly)	: Utilized – 900 Tonne Spare – 300 Tonne Total – 1200 Tonne
Sale's By Market (in %)	: Domestic (OEM) - 65 % - Approx. 585 Tonne Domestic (Replacement) - 25% - Approx 225 Tonne Exports - 10 % - Approx. 90 Tonne
Number Of Employee's	: Administration – 10 Production – 200 Development – 8 Quality System – 4 Tool Management – 8 Total – 230

Certification

: ISO-TS-16949 : 200

Date of Certification – 8th November, 2010

Certifying Company – DET NORSKE VERITAS



DNV BUSINESS ASSURANCE MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 88280-2010-AQ-IND-IATF

IATF Certificate No.: 0172594

Page 1 of 1

This is to certify that the Management System of:

Mack Spring Industries

Plot No. N-62, Anand Nagar, Additional Ambemath MIDC,
Ambemath (East), Dist. Thane - 421 506, INDIA

Supporting Site Extensions: None

Remote Supporting Functions:

Site Name	Site Address	Site City	Site State	CB	Site Main Activities
B.S. International	37, Barrister Nath Marg, Cotton Green	Mumbai - 400033	Maharashtra, India	DNV	Marketing, Sales

has been found to conform to Technical Specification:

ISO/TS 16949:2009

having been audited in accordance with the:

Rules for the registration scheme for ISO/TS 16949:2009 – 3rd Edition.

This Certificate is valid for the following products/service ranges

**MANUFACTURE OF PARABOLIC SPRINGS, MULTI LEAF SPRINGS
AND ASSEMBLIES**

EXCLUSIONS: 7.3 PRODUCT DESIGN

Initial Certification date:

08 November 2010

This Certificate is valid until:

22 October 2016

Pramod Bhandari

Pramod Bhandari
Lead Auditor



Place and Validity Start date:

Katy, Texas, 23 October 2013

for the Accredited Unit,

**DET NORSKE VERITAS
CERTIFICATION INC., KATY, TX, USA**

Robert Kozak
Management Representative


Audit Conducted by DNV Office located in Pune, India.

Certification

ISO 14001:2015

Date of Certification: 14th December, 2016

Certifying Company: JAZ-ANZ



KVQA *Certificate of Registration*
(Environment Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Environment Management System of

MACK SPRING INDUSTRIES

Plot No. N – 62, Anand Nagar, Additional Ambernath MIDC,
Ambarnath (East), Dist. Thane, Maharashtra – 421506, India.

Has been found to the Environment Management System Standard

AS/NZS ISO 14001:2015/ISO 14001:2015


This certificate is valid for the following product or service range


**Manufacture of Parabolic Springs, Multi Leaf Springs
and Assemblies.**

1st Surveillance Due On: 14/11/2017: Done On:
2nd Surveillance Due On: 14/11/2018: Done On:

Certificate No: **IESC201612006**
Date Of Issue: 14, December, 2016
Valid Until: 13, December, 2019*



Issued by 
Authorised signatory KVQA



JAS-ANZ
M5400913IN
www.jas-anz.org

JAS-ANZ is the government-appointed accreditation body for Australia and New Zealand responsible for providing accreditation of conformity assessment bodies (CABs) in the fields of certification and inspection. Accreditation by JAS-ANZ demonstrates the competence and independence of KVQA.

Accredited by a member of IAF's MLA for Quality Systems

To Check the Status of the Certification kindly log on to www.kvqa.in
F-300, Sector -63, Noida U.P., India. Ph-011-22711940, 22711941, email: delhi@kvqaindia.com
*Subject to successful completion of surveillance audits

Certification

OHSAS 18001:2007

Date of Certification: 14th December, 2016

Certifying Company: JAZ-ANZ



Certificate of Registration
(Occupational Health & Safety Management System)
KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Occupational Health & Safety Management System of

MACK SPRING INDUSTRIES

Plot No. N – 62, Anand Nagar, Additional Ambernath MIDC,
Ambernath (East), Dist. Thane, Maharashtra – 421506, India.

Has been found to the Occupational Health & Safety Management System Standard

OHSAS 18001:2007

This certificate is valid for the following product or service range

**Manufacture of Parabolic Springs, Multi Leaf Springs
and Assemblies.**

1st Surveillance Due On: 14/11/2017: Done On:
2nd Surveillance Due On: 14/11/2018: Done On:

Certificate No: **IOSC201612005**
Date Of Issue: 14, December, 2016
Valid Until: 13, December, 2019*

Issued by 
Authorised signatory KVQA

JAS-ANZ

M5400913IN
www.jas-anz.org

JAS-ANZ is the government-appointed accreditation body for Australia and New Zealand responsible for providing accreditation of conformity assessment bodies (CABs) in the fields of certification and inspection. Accreditation by JAS-ANZ demonstrates the competence and independence of KVQA.

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F-300, Sector -63, Noida U.P., India. Ph-011-22711940, 22711941, email: delhi@kvqa.in

*Subject to successful completion of surveillance audits

OUR PRODUCT

- Parabolic Springs
- 4 WD Vehicles, Off Trucks, Utility Vehicles
- Trucks & Semi – Trailers Springs
- Agriculture Springs
- Long Tapper Springs

PARABOLIC MACHINE

The Parabolic Taper Rolling Machine is designed to roll long tapers on cross sections ranging from 40 X 10 mm to 120 X 60 mm. The profiles can be freely chosen by a computer control with easy data storage and data changing. The profiles can be linear or parabolic or of any other pre-determined shapes. The complete machine is interfaced by a PLC control. The leaf can be rolled to an accuracy of ± 0.5 mm on width, ± 0.1 mm on thickness & with a special provision the lateral bending can be controlled within ± 1 mm over 1 meter length eliminating an extra operation of straightening. The heart of the machine, the **Roll Gap Control**, exhibits the following significant characteristics.

- Automatic zero correction
- Automatic jig radius correction
- Automatic temperature compensation
- Maximum rolling speed in case of most difficult shapes

RESEARCH & DESIGN

Open to new innovative ideas, the Engineering Staff at Mack Springs is ready to assist with the design of customized Conventional and Parabolic Springs.

It verifies customer's engineering drawings relative to their end use of the springs to ensure peak performance & cost effectiveness.

Our experience technical setup proves to be significantly effective in reducing costs, improving product performance and value.

CAPABILITIES

Our company can manufacture all types of Conventional and Parabolic Springs from small trailers springs to large, heavy duty springs.

It has the flexibility and capability to ensure delivery of top quality products at the right time and at right price.

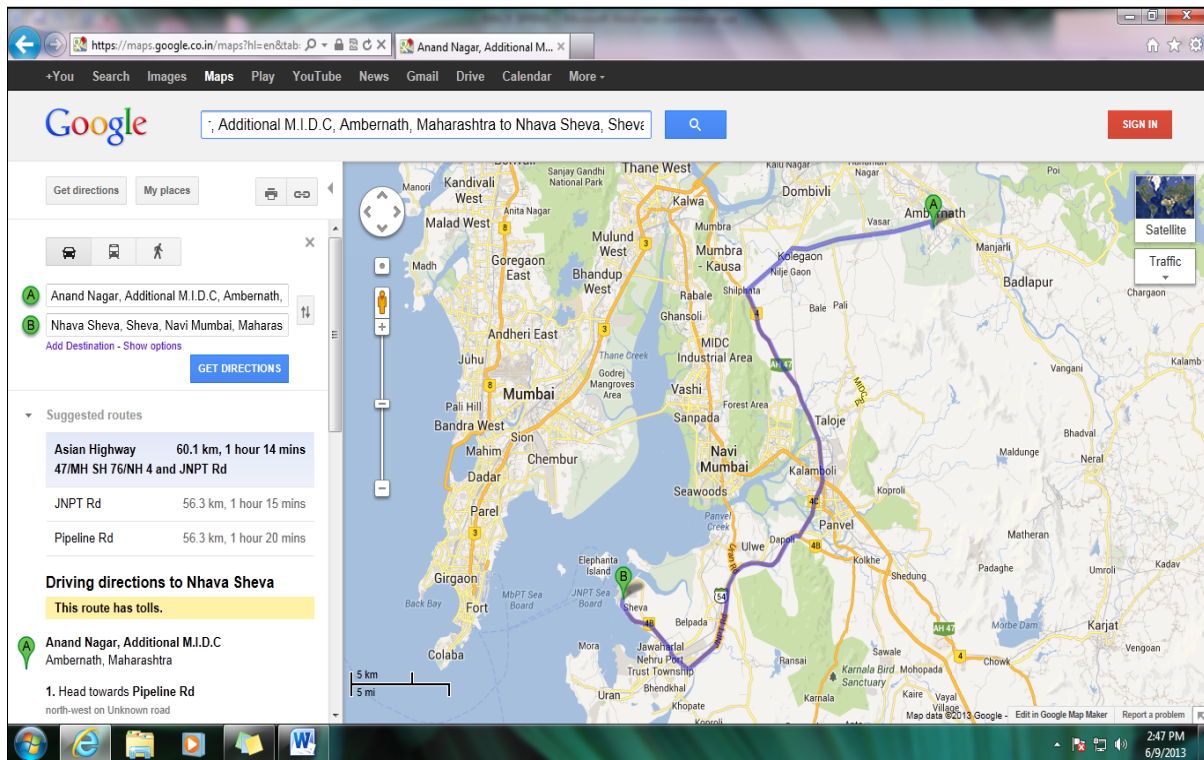
It's manufacturing facilities have multiple heat treatment lines and a wide range of equipment to meet customer specific needs. This versatility allows production of any kind of product with in specified quality parameters.

It's heat treatment furnaces and hardness testers are fully calibrated and certified.

From Stringent chemistry control of all incoming steel, through closely monitoring every steps of manufacturing, constant geometry quenching, meticulous hardness control and assembly, our springs are built to the highest standards.

It's unique "quick-change" processes and computerized production methods are the key to a world class efficiency operation which is ideally suited to meet the inherent variety of the world wide after as well as O.E. Specifications.

Location From Ambernath Plant



Distance from Factory to nearest JNPT Port- 60 Kms

MACK SPRING INDUSTRIES

(MFG. : PARABOLIC & MULTILEAF SPRINGS)

N-62, Anand Nagar, Additional MIDC,

Ambernath (E) - 421 506

Dist. Thane, Maharashtra, India

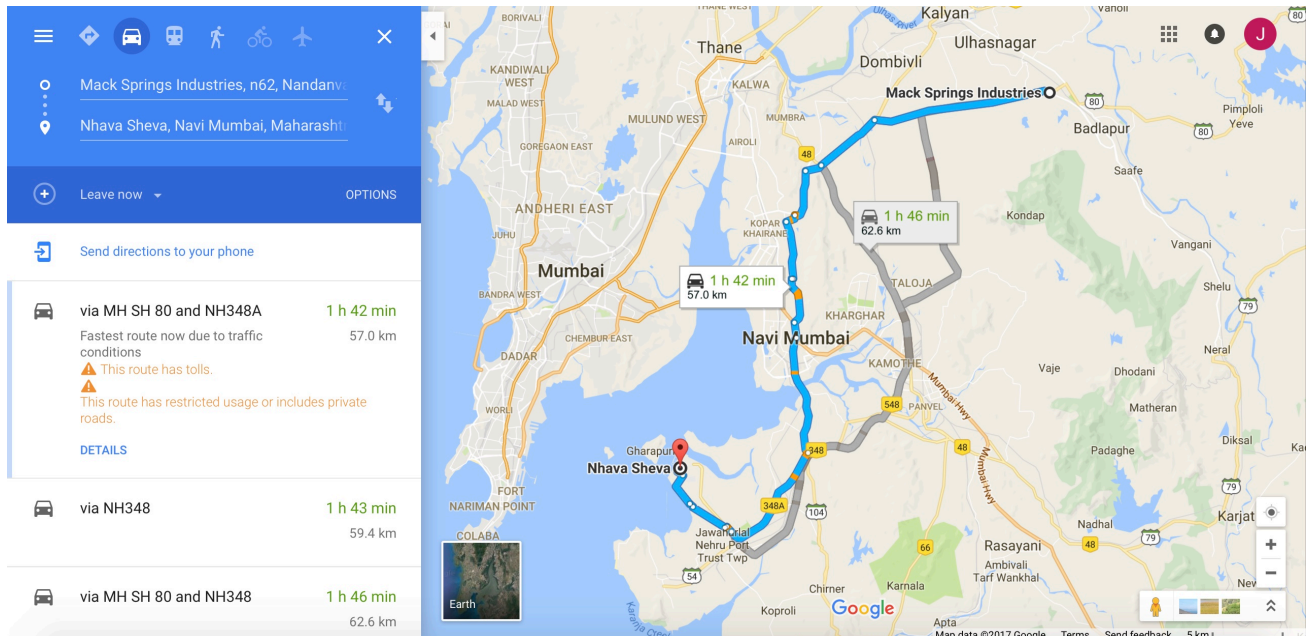
Tel. : 0091 9819675095

Fax : +91-251-2621693

E-mail : info@macksprings.com

Location From Ambernath Plant

Distance from Factory to nearest JNPT Port- 30 Kms



Mack Springs Private Limited

(MFG. : PARABOLIC & MULTILEAF SPRINGS)

66, MIDC,

TTC Industrial Area,

RC-1, Turbhe,

Navi Mumbai, Maharashtra

400705

Tel. : 0091 9819675095

Fax : +91-251-2621693

E-mail : info@macksprings.com