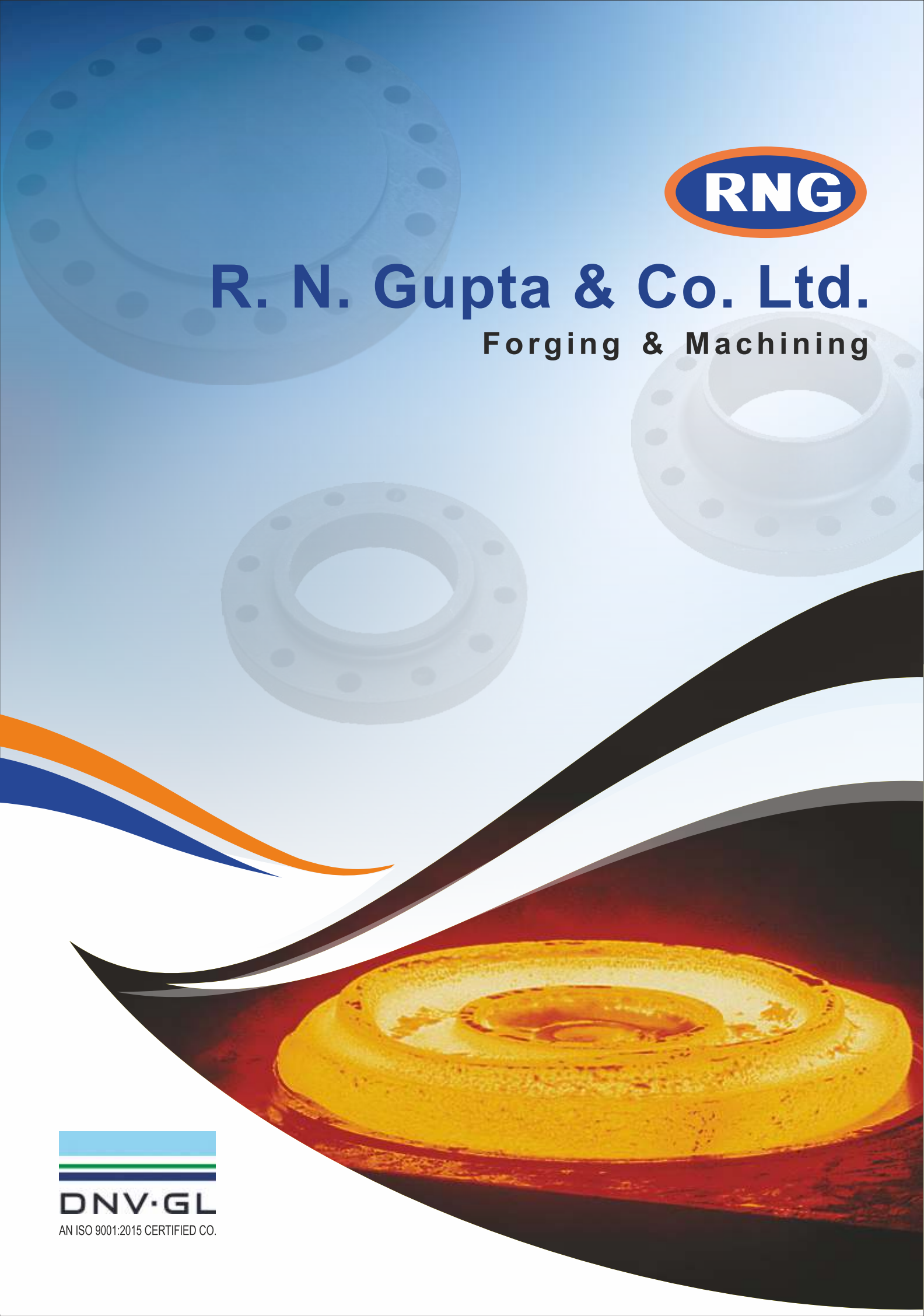




**R. N. Gupta & Co. Ltd.**

**Forging & Machining**



**DNV·GL**

AN ISO 9001:2015 CERTIFIED CO.

## About us



R N Gupta & Co. Ltd is among the leading manufacturer of forged and machined parts in North India. Our principal products include Flanges which are produced in all variants at our Plants based in Ludhiana, an industrial township located 350 kms north of New Delhi, India. Flanges are manufactured under the brand name of “RNG” which is well recognised and accepted globally in the Oil and Gas sector. Our global footprint extends to over 25 countries including USA, Canada, Mexico, Germany, UK.

We continue to move forward and maintain our leadership by focussing on innovation and foresight.

According to the company vision by M.D. Mr Avinash Gupta and Director Mr Gaurav Gupta, we offer enhanced value to our products in term of quality and service.

RNG with its dedicated team of Engineers, Latest infrastructure and its continual quest for improvement has satisfied customers from diverse industries including Oil & Gas, Chemical & Petrochemical, Power, Fertilizers, Fabrication, Instrumentation, Marine and Construction.

RNG has two manufacturing State-of-art plants located 16 kms apart. These two units provide complete One Stop solution from concept, design, development and manufacturing of Flanges and other engineering parts:

Factory Area	UNIT-I LOCATED AT FOCAL POINT, LUDHIANA	UNIT-II LOCATED AT DORAHA, LUDHIANA
Land	1,20,000 Sq. Ft.	7,50,000 Sq. Ft
Build-up Area	80,000 Sq. Ft	1,50,000 Sq. Ft.

## Certifications and Approvals

At RNG quality permeates everything. Our approach to Total Quality Control integration at all levels includes Product Quality, Customer Satisfaction, HR, Infrastructure & Environment, has resulted in a robust system over the years, we implement ISO 9001, and follow systems of quality control as per international standard ISO 9001-2015.

RNG today is synonymous with top grade product quality & customer satisfaction. Below are the Certifications & Approvals:

- ✦ ISO 9001 – 2015 by DNV
- ✦ PED 2014 /68 /EU on pressure equipment directive, certified by DNV of The Netherlands.
- ✦ CRN's Canadian Registration Nos for all provinces.
- ✦ EIL Enlisted ( Approvals )





## Testing Facilities

RNG, Products manufactured conform to highest quality standards. With in-house lab we carry out the following below testings:

- Physical and Chemical Testing
- Impact Testing
- Hardness Testing
- Positive Material Identification (PMI)
- Micro Structure Examination
- Ultrasonic Testing
- Magnetic Particle Testing
- Dye Penetrant Tests

Complete range of Physical & Chemical test facilities which includes:

- Spectrometer-21 elements/24 Channels
- Metascopes
- Microscope –Neopot 21
- Universal testing Machine -40Ton
- Charpy Impact Test Machine with sub zero test arrangement
- Jominy Test Facility



## Manufacturing Facilities



### Forging Strength

Modern forge shop equipped with 15 forging hammers, both belt drop and world renowned HUTA (Polish) Pneumatic hammers of cap 01 ton to 10 tons enables us to offer a huge variety of forged parts weighing from a min of 01 kg to a max of 250 kg. Plant capacity of over 5000 tons per month.



### Heat Treatment

Three continuous type heat treatment furnaces equipped with state of art automatic controls enabling temperature control within  $\pm 14$  degree celsius for Austenitizing and  $\pm 8$  degree celsius for tempering with recorders and graphs through SCADA control system (two Furnace production capability is 1Ton/Hr. one Furnace Production capability is 2 Ton/Hr.).



## Machining Facilities



Modern machining facilities includes CNC machines for Turning, Machining & Grinding operations. CNC shop equipped with 110 CNC Machines including turning Center, Vertical Turning Center. Vertical & Horizontal machining centers.



# Flanges



## Specifications and Size Range

Flanges Specifications: ASME / ANSI,

Grades : Carbon Steel ASTM A 105, Low Temp Steel SA 350 LF2, High Yield Steel ASTM F 694 - F50, F52, F60, F65

Alloy Steel AISI 4130

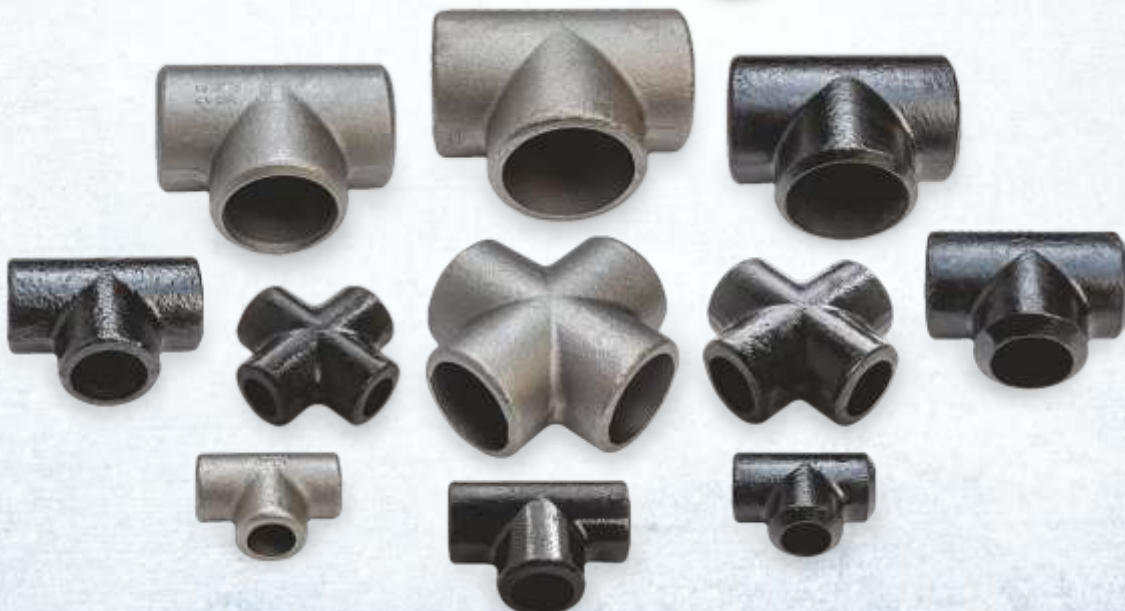
Standards : ASME/ANSI B16.5

Stainless Steel 304/304L, 316/316L

Standards : A182/A182M



Size in Inch	Pressure Class	Flange type
1/2" to 24"	#150	Slip on, Weld Neck, Blind, Socket weld, Thread.
1/2" to 24"	#300	Slip on, Weld Neck, Blind, Socket weld, Thread.
1/2" to 16"	#600	Slip on, Weld Neck, Blind, Socket weld, Thread.
1/2" to 12"	#900	Weld Neck & Blind.
1/2" to 8"	#1500	Weld Neck & Blind.



[www.rngupta.com](http://www.rngupta.com)



Unit I :

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