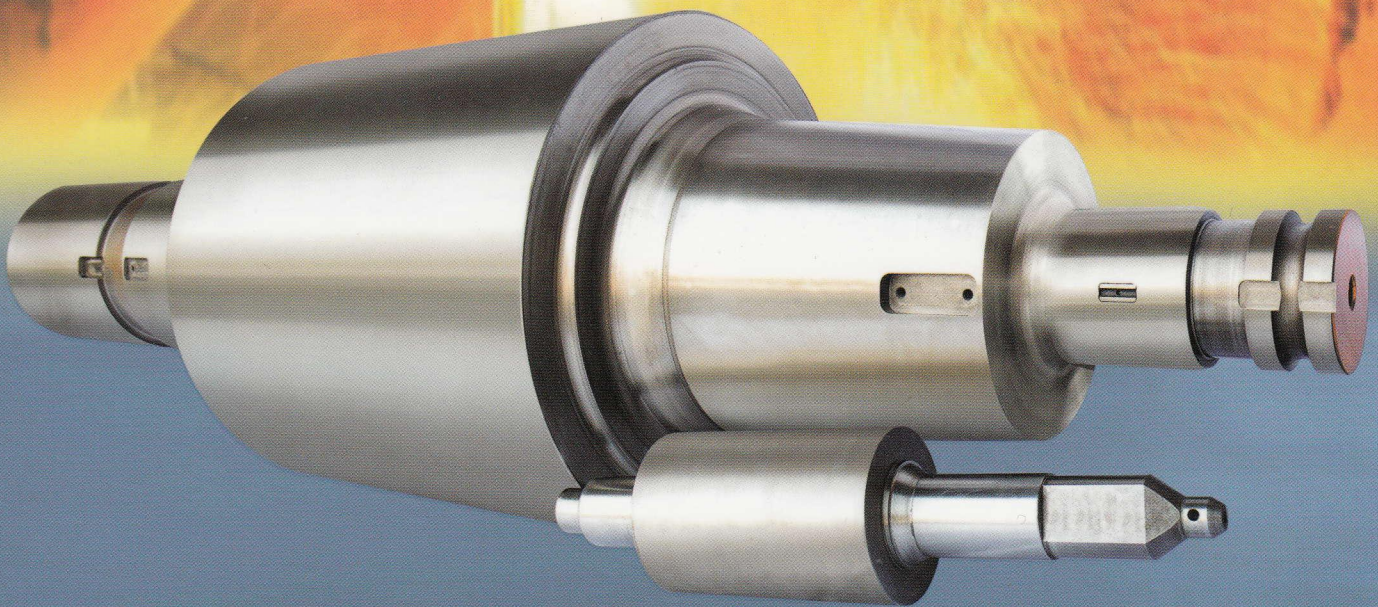




IRAN GHALTAK CO.

Poroduction Of Heavy Rolls



Nasrabad Road, Vali-E-Asr Sq.,Kashan . P.O.Box: 1733
Phone: +98 - 31 - 55541080-1 Fax: +98 - 31 - 55541400
<http://www.iranghaltak.com>

Typical Analysis for Casting Rolls and Rings

Special Steel

Typical Analysis								
Code	HB	SHD	C	Si	Mn	Cr	Ni	Mo
SST- 50	310-330	48-52	1.2/1.0	0.3/0.8	0.7/1.2	0.5/1.5	1.5/2.0	

Steel - Steel base

Code	HB	SHD	C	Si	Mn	Cr	Ni	Mo
ST- 55	340-380	50-55	1.5/2.0	0.3/0.8	0.4/0.8	0.8/1.5	1.5/2.0	0.1/0.5

Steel Base graphitize

Code	HB	shore C	C	Si	Mn	Ni	Cr	Mo
STG-60	395 -405	55-60	2.2/2.4	1.0/2.0	0.5/0.9	0.2/0.8	0.6/1.2	0.1/0.5

Nodular Iron pearlitic, Single and Double poured

Code	HB	SHD	C	Si	Mn	Cr	Ni	Mo
SP-70	500 -540	71-75	3.2/3.7	1.0/1.8	0.5/1.2	0.4/1.0	2.0/3.2	0.2/0.7
Core Nodular iron	280 -300	42-45	2.7/3.5	1.8/3.0	0.2/0.8	Max0.3	Max0.2	Max0.2

Nodular Iron - martensitic, centrifugal compound cast

Code	HB	SHD	C	Si	Mn	Cr	Ni	Mo
SP-80	620 -660	78-82	3.0/3.5	0.8/1.5	0.4/1.0	0.6/1.8	3.0/4.5	0.5/1.0
Core Nodular iron	280 -300	42-45	2.7/3.5	1.8/3.0	0.2/0.8	Max0.3	Max0.2	Max0.2

Chilled cast iron - Single poured and Double Pour

Code	HB	SHD	C	Si	Mn	Cr	Ni	Mo
Core Nodular iron	280 -300	42.5-45	2.7/3.5	1.8/3.0	0.2/0.8	Max0.3	Max0.2	
Core Grey iron	240 -280	37-42.5	2.8/3.5	1.5/2.5	0.2/0.8	0.2/1.0	0.2/1.0	

Indefinite Double Pour.grey or Nodular Core

Code	HB	SHD	C	Si	Mn	Cr	Ni	Mo
Core Nodular iron	280 -300	42.5-45	2.7/3.5	1.8/3.0	0.2/0.8	Max0.3	Max0.2	
Core Grey iron	240 -280	37-42.5	2.8/3.5	1.5/2.5	0.2/0.8	0.2/1.0	0.2/1.0	

Nodular Iron acicular, Single poured and Double poured

Code	HB	SHD	C	Si	Mn	Cr	Ni	Mo
SA- 70	500-540	66-70	3.0/3.5	1.2/2.0	0.4/1.0	0.4/1.0	3.0/4.0	0.5/1.0



INTRODUCTION

SINCE ITS FOUNDATION IN 1990, IRAN GHALTAK COMPANY HAS ENJOYED CONTINUOUS GROWTH AND SUCCESS.

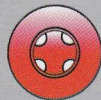
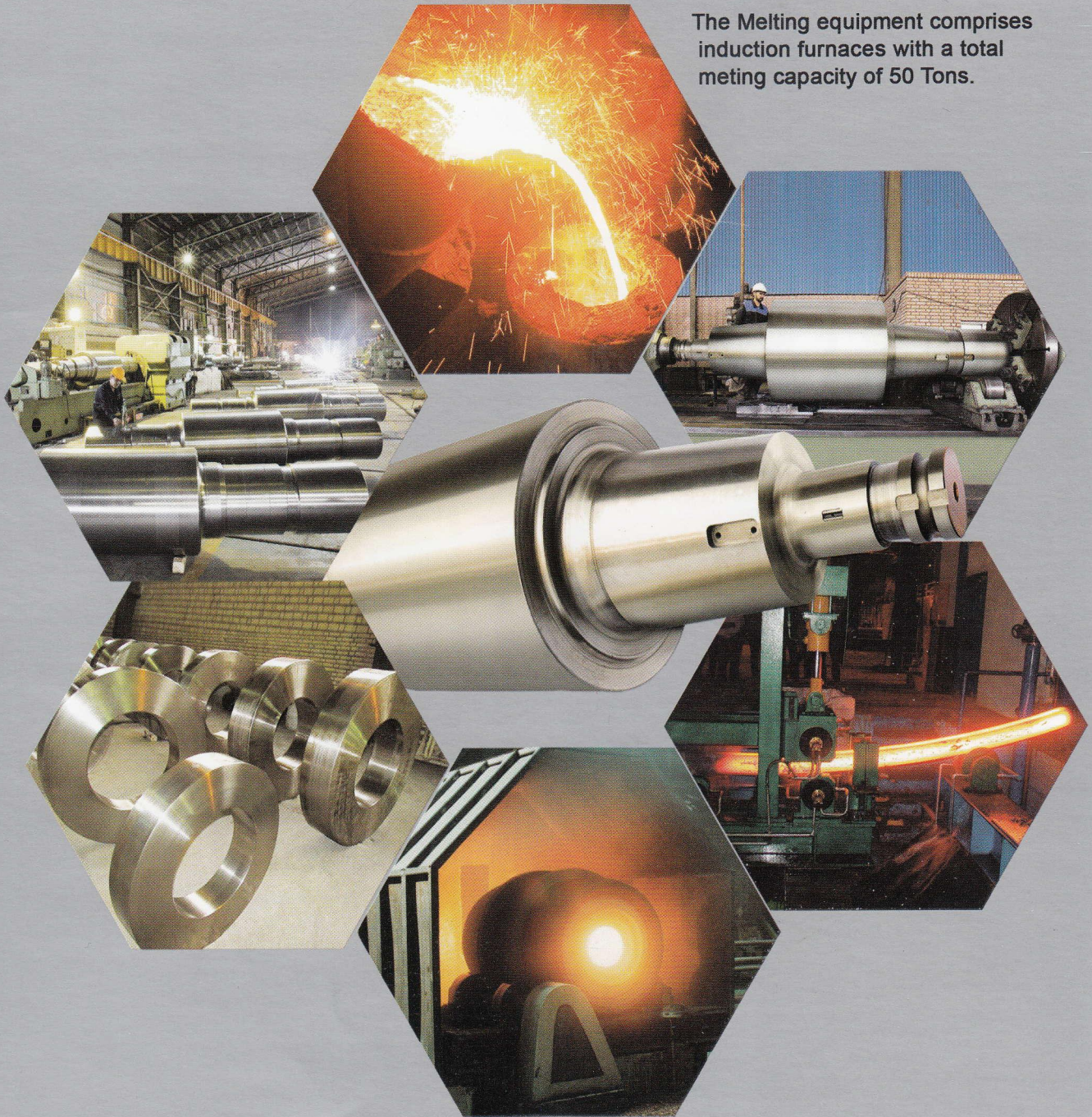
ITS 8.5 HECTARES MANUFACTURING COMPLEX IN KASHAN NOW BOAST OF ONE OF THE BEST EQUIPPED AND TECHNOLOGICALLY ADVANCED FOUNRIES IN IRAN.

MANUFACTURING A WIDE RANGE OF HIGH QUALITY FERROUS PRODUCTS INCLUDING ROLLS BUSHINGS, HEAVY DUTY CYLINDERS AND RINGS FOR STEEL PLANTS, FOOD AND OTHER INDUSTRIES. ROLLS AS HEAVY AS 50 TONS, RINGS AND SLEEVES UP TO 5 TONS IN WEIGHT ARE MANUFACTURED EITHER STATICALLY OR DYNAMICALLY USING VARIOUS VERTICAL AND HORIZONTAL CENTRIFUGAL CASTING MACHINES.

OUR CONTINUING INVESTMENT IN RESEARCH AND DEVELOPMENT HAS RESULTED IN THE COMPANY ACHIEVING HIGH QUALITY PRODUCTS, THUS RECEIVING THE PRESIDENT'S ACKNOWLEDGEMENT OF ITS CONTRIBUTION TO THE NATION.

A Leading Roll Manufacturer In The Middle East

The Melting equipment comprises
induction furnaces with a total
meting capacity of 50 Tons.



IRAN GHALTAK CO.

Production Of Heavy Rolls



MANUFACTURING PROCESSES OF STEEL ROLLS

1 - Order



2 - Design/Simulation



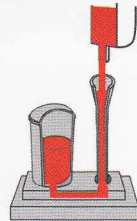
3 - Moulding



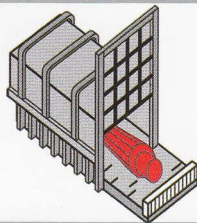
4- Melting



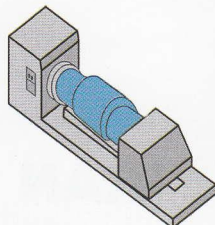
5 - Casting



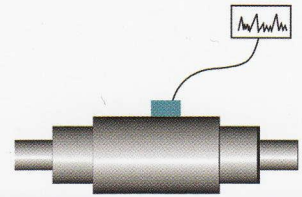
6 - Heat Treatment



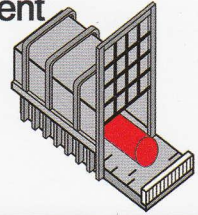
7 - Rough Turning



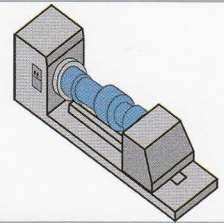
8 - Inspection



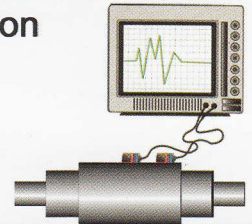
9 - Second Heat Treatment



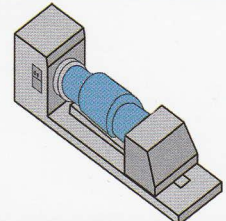
10 - Finish Turning



11 - Test & Inspection



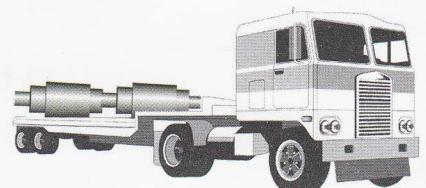
12 - Grinding/Miling

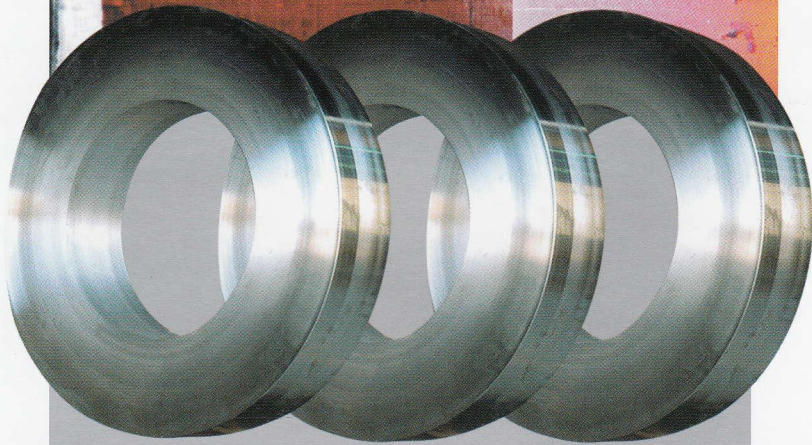


13 - Final Inspection



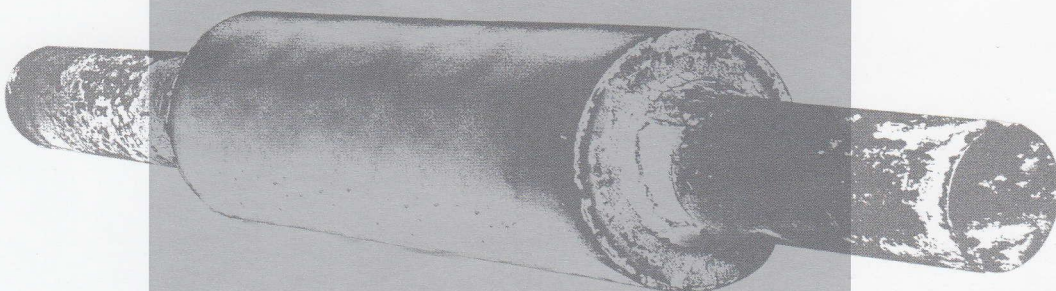
14 - Despatch

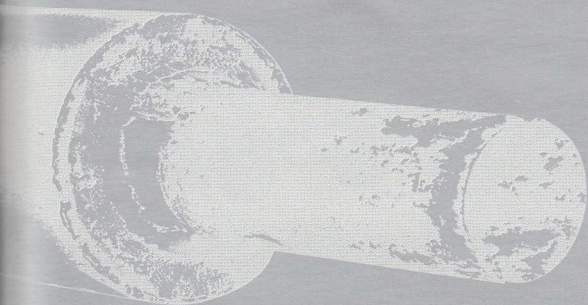
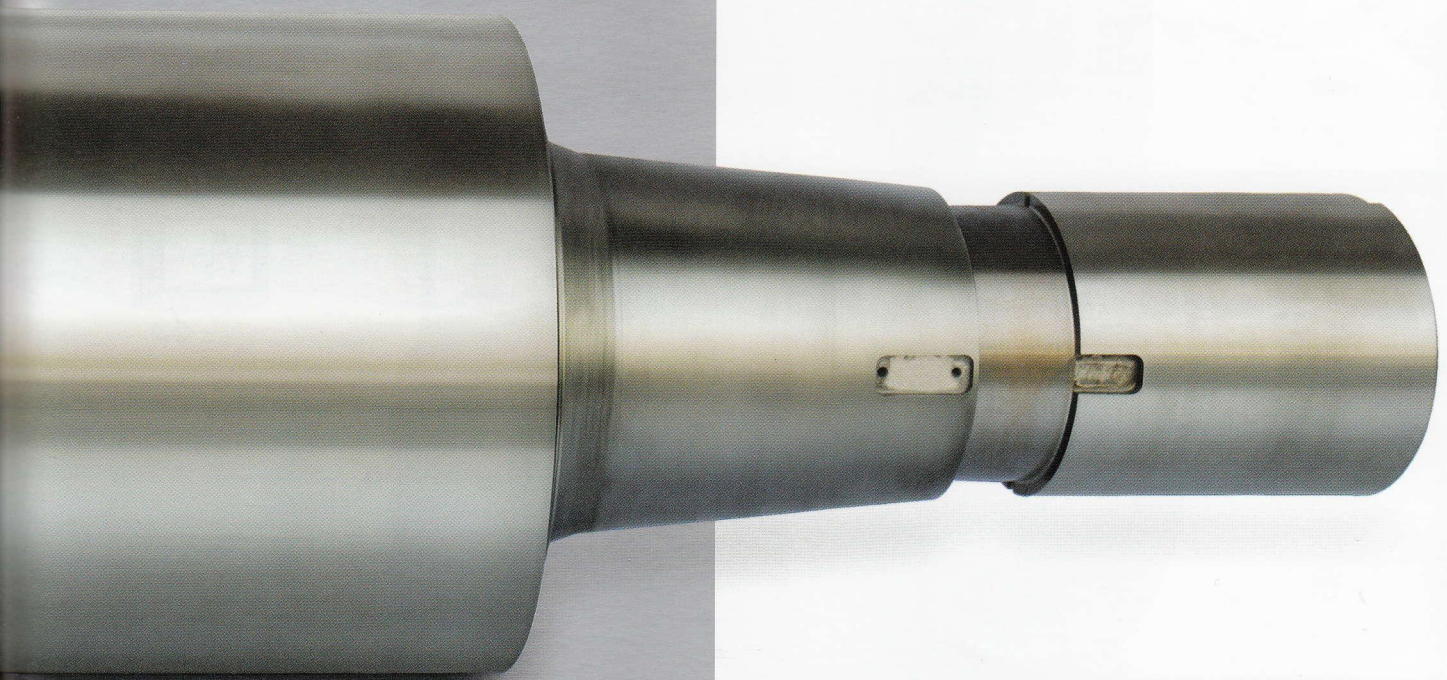




IRAN GHALTAK CO.

Production Of Heavy Rolls





IRAN GHALTAK CO.
Production Of Heavy Rolls

BUSINESS ASSESSMENT SERVICE
Management Systems Certificate

Certificate of Registration

Iran Ghaltak company

Nasrabad Road, Vah-E-Azar Sq., Kashan, Iran

IN REGARD TO
ISO 9001:2015

FOR SCOPE OF ACTIVITIES



Production and supply of rolled rings and rollers

CERTIFICATE REGISTRATION NUMBER
14134287

INITIAL ISSUE DATE	28 March 2017	
LATEST CERTIFICATION DATE	28 March 2017	
CERTIFICATE EXPIRY DATE	28 March 2020	
NEXT SURVEILLANCE DUE	28 March 2018	<small>Must be a future date to be valid. Certificate status is also invalid if later than Expiry Date</small>
CERTIFICATE STATUS	Full	

Certificate
Authorised
for issue

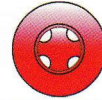
A. Y. Ghazvini

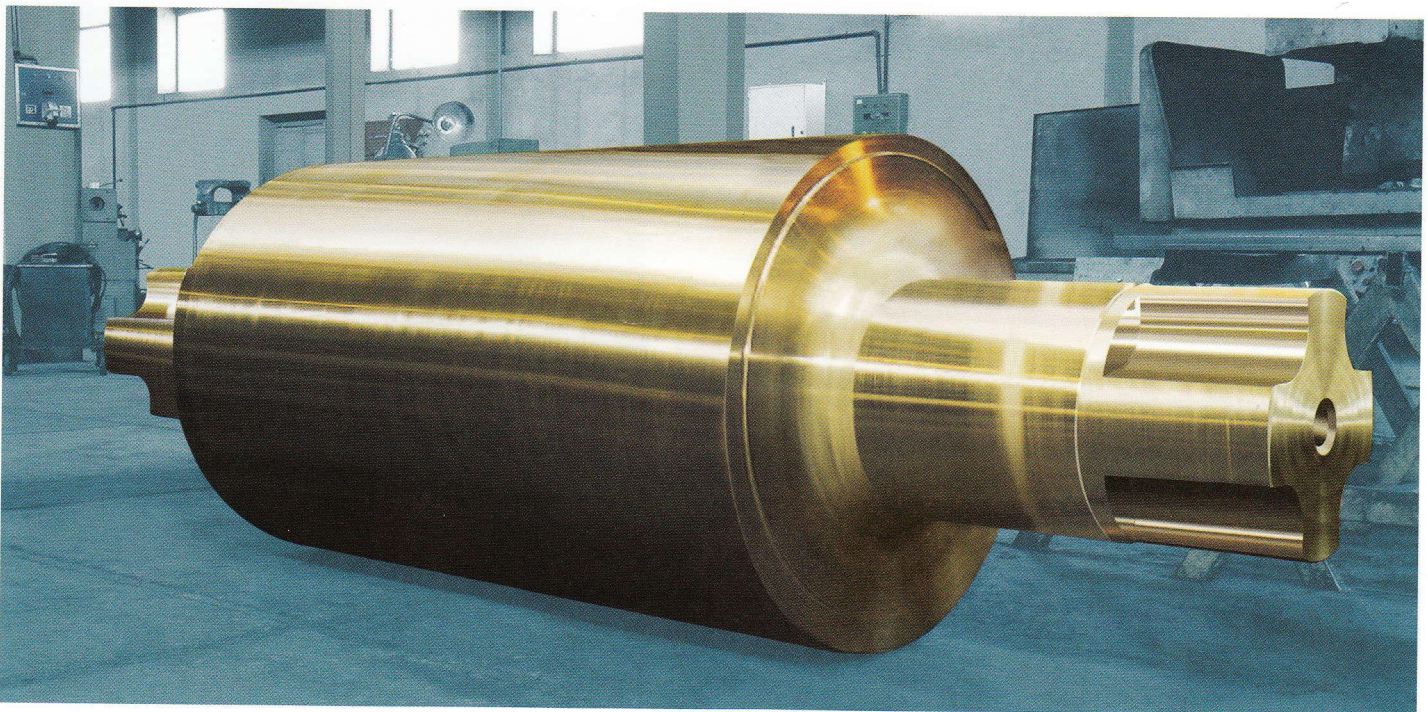
Certified that this certificate is authorised for issue by Business Assessment Service against defined criteria and in cognizance of ISO 15001:2015 'Conformity Assessment - Requirements for bodies providing audit and certification of management systems'. The validity of this certificate is subject to the terms and conditions under which it is issued, particularly with regard to continual implementation of management systems standards referenced in this certificate and the annual surveillance of the above named organisation by Business Assessment Service audit and assessment personnel. This certificate and its accredited status is only valid when confirmed by the register listed in the International Register of Quality Assessed Organisations: www.irqao.com

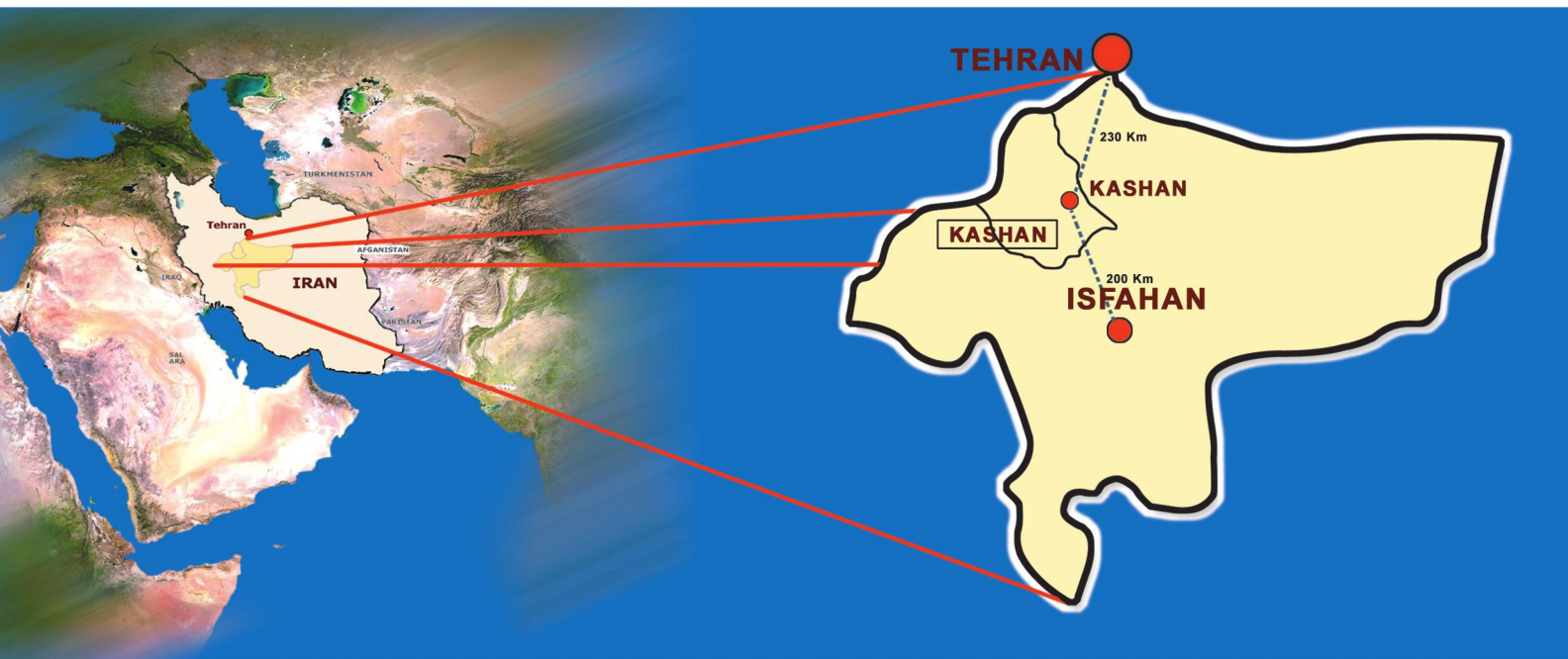
www.basitd.co.uk
25, 26th Wood Lane, London, W12 6JF, United Kingdom
Tel: +44 (0)20 203 7722 info@basitd.co.uk



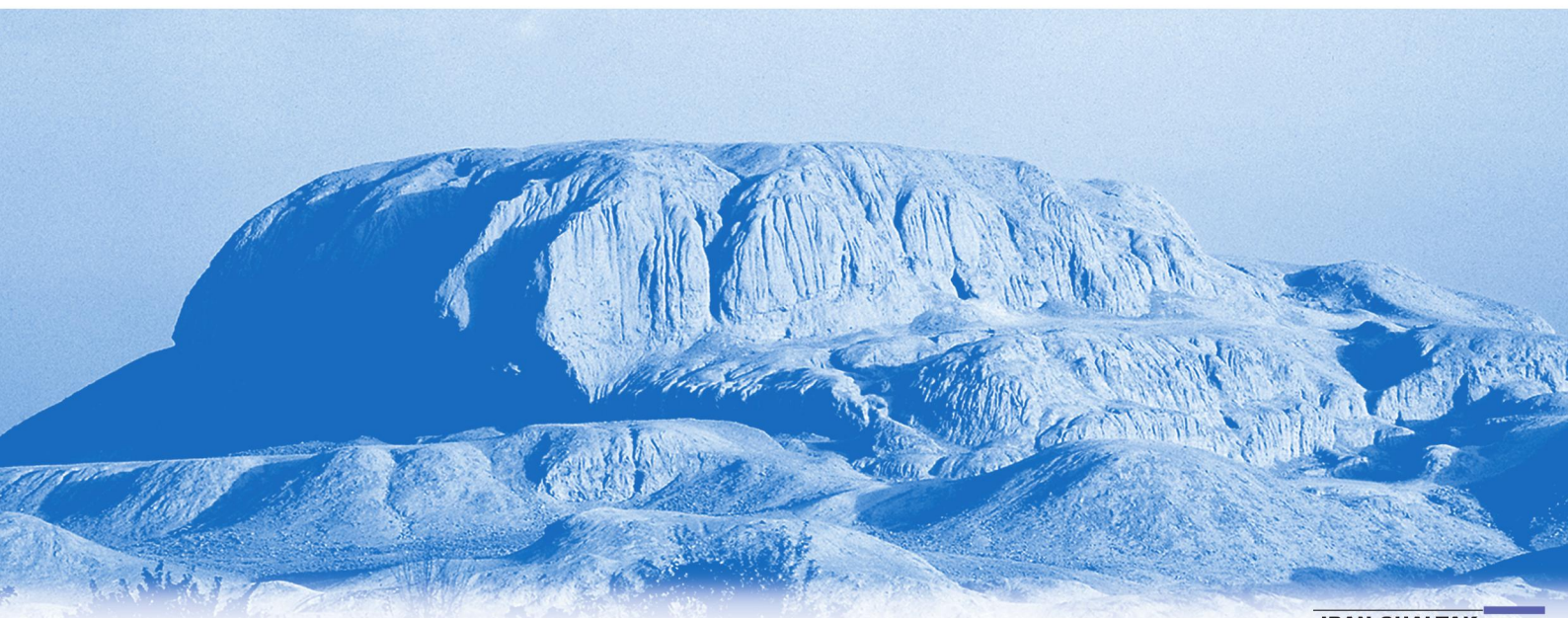


- A leading Roll manufacturer in the middle East
- Iran Ghaltak Company manufactures Various types of ferrous Rolls, Sleeves, using Vertical and Horizontal Centrifugal Casting Machines.
- The Melting equipment comprises of induction furnaces with a total melting capacity of 50 Tons.
- Iran Ghaltak Company continually pursues a policy of total quality involvement at all times and in all areas of manufacture. Monitoring of product quality takes place continuously throughout manufacture, using the most up-to-date test equipment.
- In order to obtain the desired final mechanical properties, all products undergo special heat treatment.



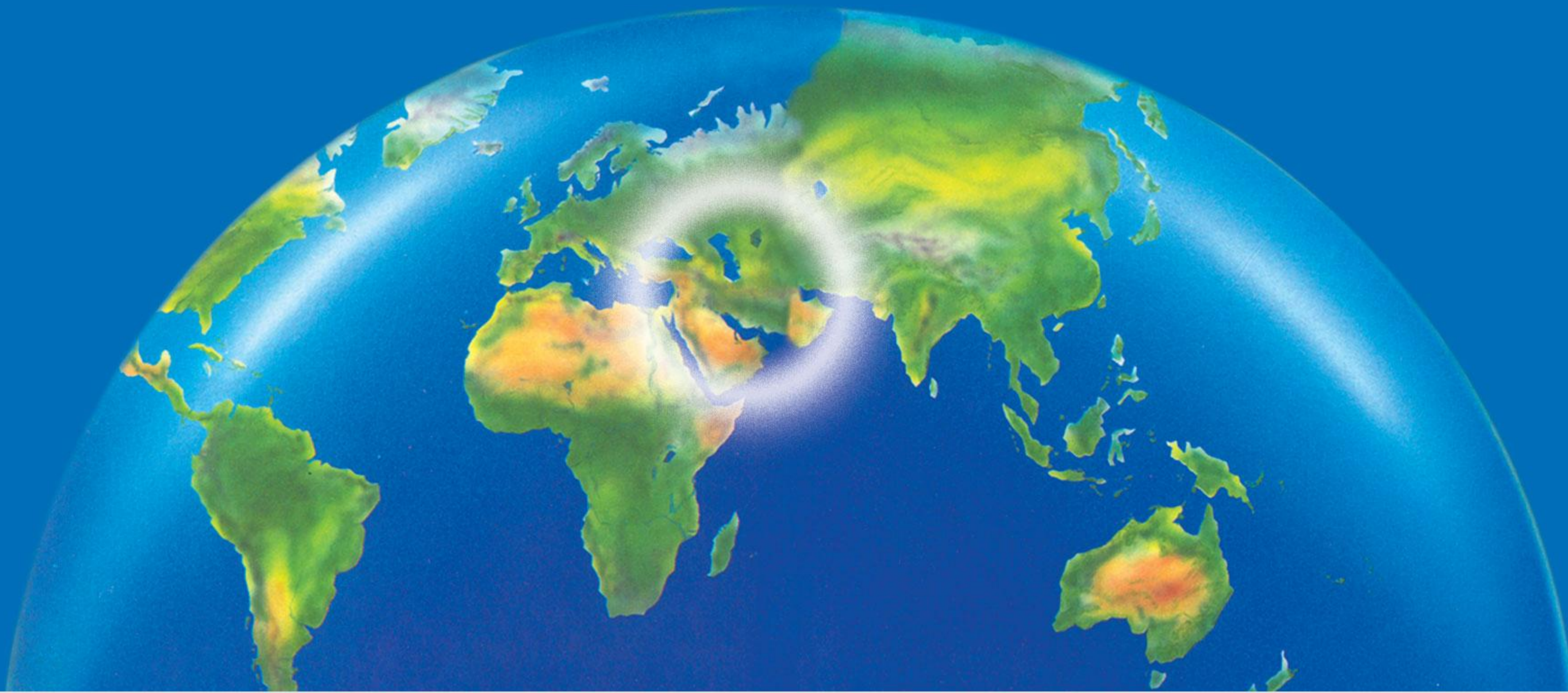


7000 - year - old monuments of Siyalk town
at the distance of 3 kilometers west of
Kashan with relisce of melting copper and
moulding (remained) from 4000 B.C.
(Research of Professor Grishman)



IRAN GHALTAK CO.

Production Of Heavy Rolls



Factory :

Nasrabad Road, Vali-E-Asr
Sq.,Kashan (Iran)

Postal address:

P.O.Box: 1733 Kashan (Iran)

Phone:

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Fax:

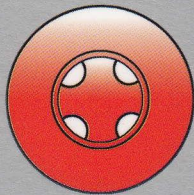
+98 - 31-55541400

E-mail:

info@iranghaltakco.com

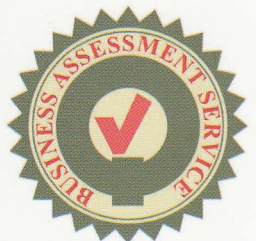
http:

www.iranghaltakco.com



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ISO 9001:2015
14134287