

# SKS ISPAT & POWER LIMITED





# Plant capacity and facilities

<b>Sponge Iron Division : 4 Kilns</b>	<b>Annual Capacity -270000 Tone</b>
<b>Coal Washery</b>	<b>Annual capacity -1 Million Tonnes</b>
<b>Steel melting shop</b>	<b>Annual Capacity –345600 Tonnes</b>
<b>Structural rolling mills</b>	<b>Annual Capacity of three structural mill – 495000 Tonnes</b>
<b>TMT &amp; Wire Rod Mill</b>	<b>Annual Capacity –205600 Tonnes</b>
<b>Captive Power Plant</b>	<b>Capacity -85 MW</b>
<b>Ferro Alloys</b>	<b>Annual Capacity -28300 Tonnes</b>



# Product Range

<b>BEAM / JOIST SIZES</b>	<b>WT./MTR IN KG</b>
<b>BEAM 100X50</b>	<b>8.90</b>
<b>BEAM 125X70</b>	<b>13.30</b>
<b>BEAM 150X75</b>	<b>15.00</b>
<b>BEAM 175X85</b>	<b>19.60</b>
<b>BEAM 200X100</b>	<b>24.20</b>
<b>BEAM 250X125</b>	<b>37.30</b>
<b>BEAM 300X140</b>	<b>46.00</b>
<b>BEAM 350X140</b>	<b>52.40</b>
<b>BEAM 400X140</b>	<b>61.50</b>
<b>BEAM 450X150</b>	<b>72.40</b>
<b>BEAM 500X180</b>	<b>86.90</b>
<b>BEAM 600X210</b>	<b>123.00</b>
<b>H BEAM 116X100</b>	<b>23.00</b>
<b>H BEAM 150X150</b>	<b>34.60</b>
<b>H BEAM 152X152</b>	<b>37.10</b>

**Standard Length: 10 to 13 Mtr.**

**Specific Length: With specific order.**



# Product Range

<b>CHANNEL SIZES</b>	<b>WT./MTR IN KG</b>
<b>CHANNEL 75X40</b>	<b>7.14</b>
<b>CHANNEL 100X50</b>	<b>9.56</b>
<b>CHANNEL 125X65</b>	<b>13.1</b>
<b>CHANNEL 150X75</b>	<b>16.8</b>
<b>CHANNEL 175X75</b>	<b>19.6</b>
<b>CHANNEL 200X75</b>	<b>22.3</b>
<b>CHANNEL 250X82</b>	<b>34.2</b>
<b>CHANNEL 300X90</b>	<b>36.3</b>
<b>CHANNEL 400X100</b>	<b>50.1</b>

Standard Length: 10 to 13 Mtr.  
Specific Length: With specific  
order.



## Product Range

ANGLE SIZES	THICKNESS	WT./MTR IN KG
ANGLE 75X75X	6	6.80
	8	8.90
	10	11.00
ANGLE 90X90X	6	8.20
	8	10.80
	10	13.40
ANGLE 100X100X	6	9.20
	8	12.10
	10	14.90
	12	17.70
ANGLE 110X110X	8	13.40
	10	16.60
	12	19.70
ANGLE 130X130X	8	15.90
	10	19.70
	12	23.50
ANGLE 150X150X	10	22.90
	12	27.30
	16	35.80
	20	44.10
ANGLE 200X200X	12	36.90
	16	48.50
	20	60.00
Standard Length: 10 to 13 Mtr. Specific Length: With specific order.		



# WIRE ROD AND HB WIRE

Grade:-IS 7887

<b>WIRE ROD IN COIL</b>	<b>5.5MM</b>
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<b>HB WIRE IN COIL</b>	<b>DIAMETER</b>
<b>16 SWG</b>	<b>1.45 TO 1.65MM</b>
<b>14 SWG</b>	<b>1.92 TO 2.05MM</b>
<b>13 SWG</b>	<b>2.15 TO 2.30MM</b>
<b>12 SWG</b>	<b>2.45 TO 2.55MM</b>
<b>11 SWG</b>	<b>2.90 TO 3.00MM</b>
<b>10 SWG</b>	<b>3.10 TO 3.25MM</b>
<b>9 SWG</b>	<b>3.45 TO 3.55MM</b>
<b>8 SWG</b>	<b>3.90 TO 4.10MM</b>
<b>7 SWG</b>	<b>4.40 TO 4.50MM</b>
<b>6 SWG</b>	<b>4.90 TO 5.05MM</b>



## **85 MW POWER PLANT**

**SKS Ispat & Power has got waste heat recovery based Power Plant of 25MW and coal based Power Plants of 2x30MW.**

## **FERRO ALLOY**

**Ferro Alloy Plant having an annual capacity of 29,400M.T.**

**Normal Grade Silicon Magnesia–60% min**

**Silicon–15% min**

**Phosphorus-.35% max**

**Carbon-2% max**

**Balance Fe –**

**Sulphur–0.03%**

**Size–25mm to 150 mm**

**OXYGEN PLANT:-170M<sup>3</sup>/Hr Oxygen Plant.**



# PROCESS FLOW

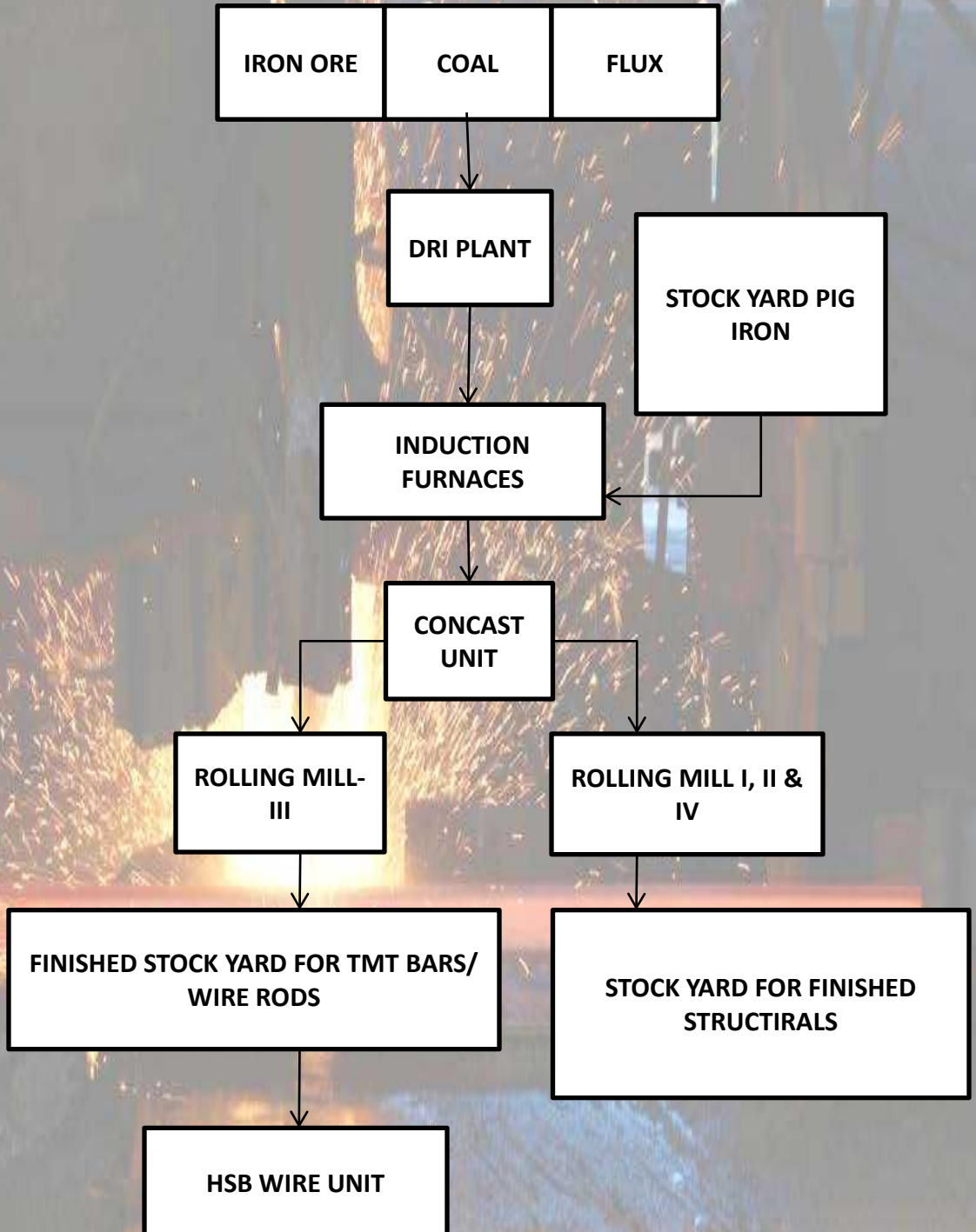
SKS Ispat & Power Ltd is an integrated steel plant having facilities for iron making by coal based DRI process followed by steel making through Induction Furnaces and 2 Concast units converting molten steel to Blooms/ Billets for rolling of the same in Rolling Mills for production of finished products. The units in operation & its production capacities are as follows:

Sl. No.	Name of the Products	No. of units	Annual Production capacity	
1	Sponge Iron	Kiln- 4 Nos.	2,70,000 TPA	
		100TPDx2 Nos.		
		350TPDx2 Nos.		
2	Steel Division			
		a) Induction Furnaces	12MTx4 Nos.	3,45,600 TPA
			15MTx4 Nos.	
	b) Concast	Billets/Blooms	3,45,600 TPA	
3	Rolling Mills	4 Nos.	6,00,000 TPA	





# INTEGRATED STEEL PLANT FLOW CHART FOR PRODUCTION UNITS



# FLOW CHART FOR ROLLING

## MILLS

FROM RAW MATERIAL YARD

RAW MATERIAL INSPECTION: VISUAL & CHEMICAL

OIL FIRED/ GASSIFIRE EQUIPED WITH TEMPERATURE CONTROLLERS

ROUGHING MILL

INTERMEDIATE MILL

FINISHING MILL

\*\*WIRE ROD PLANT

COOLING BEDS

SIZING/ STRAIGHTENING

CHECKING OF DIMENTIONS & WEIGHT

PHYSICAL & CHEMICAL TESTING

SECTION & LOT WISE STACKING AT DISPATCH YARD

DISPATCH

\*\* THIS STAGE APPLICABLE FOR TMT BARS





SKS ISPAT AND POWER LIMITED

## **CUSTOMERS LIST**

- ❖ ADANI INFRA (INDIA) LIMITED(KAMUTHI SOLAR PROJECT(T.N.))
- ❖ ADANI PETRONET(DAHEJ) PORT PVT.LIMITED,DAHEJ
- ❖ ADANI POWER(DAHEJ) LIMITED,DAHEJ
- ❖ ADANI POWER LIMITED (MUNDRA)
- ❖ ADANI POWER LIMITED (KAVAI,RAJASTHAN)
- ❖ ADANI WILMAR LIMITED-MUNDRA /HALDIA/NEEMUCH/HAZIRA
- ❖ ADANI PORT &SP. ECONOMIC ZONE LTD( MPSEZ,MUNDRA)
- ❖ ADANI AGRIOLOGISTICS LIMITED,KAITHAL & MOGA(PUNJAB)
- ❖ ADANI HAZIRA PORT PVT. LTD,HAZIRA
- ❖ ADANI KANDLA BULK TERMINAL PVT.LTD,ANJAR
- ❖ ACALMAR OILS & FATS PVT.LTD.
- ❖ ABIR INFRASTRUCTURE PVT.LTD
- ❖ ASHOKA BUILDCON LTD
- ❖ ABG SHIPYARD LIMITED,DAHEJ /SURAT
- ❖ AMBUJA CEMENTS LTD
- ❖ ARCELOR MITTAL DISTRIBUTION SOLUTIONS INDIA PVT .LTD.
- ❖ ATC TIRES PVT.LTD., DAHEJ
- ❖ BAJAJ ELECTRICALS LIMITED
- ❖ BHARAT HEAVY ELECTRICALS LTD( BHEL)
- ❖ BILT GRAPHIC PAPER PRODUCTS LTD

Works: Siltara Industrial Growth Centre, Phase II, 18th Mile Stone, Bilaspur Road, Siltara, RAIPUR -493111(C.G.)



SKS ISPAT AND POWER LIMITED

## CUSTOMERS LIST

- ❖ B.G.SHIRKE CONSTRUCTION TECH.(P) LTD,PUNE
- ❖ BHUSHAN STEEL LTD,ORISSA
- ❖ BHUSHAN POWER & STEEL LTD,ORISSA
- ❖ CHHATISGARH STATE POWER DISTRIBUTION CO. LTD
- ❖ DEIFY INFRASTRUCTURE LTD
- ❖ DIAMOND CEMENTS(A unit of Heidelberg Cement),DAMOH(MP)
- ❖ DIAMOND CEMENTS(A unit of Heidelberg Cement), JHANSI(UP)
- ❖ DALMIA CEMENT(BHARAT LTD) ,Airayalur(TN) ,KADAPA(Orissa)
- ❖ DALMIA SUGAR LTD, U.P.
- ❖ DIVIS LABORATORIES LIMITED
- ❖ THE DHAMRA PORT COMPANY LIMITED
- ❖ EAST COST CONSTRUCTION & INDUSTRIES
- ❖ EMAMI CEMENT LTD, BALODA BAZAR,RAIPUR (C.G.)
- ❖ ESSAR GROUP COMPANIES
- ❖ GUJARAT ENERGY TRANSMISSION CORPORATION LTD(GETCO)
- ❖ GRIDS STEEL & ALLOYS LTD
- ❖ GUJARAT ELECTRICITY BOARD (PGVCL /MGVCL/UGVCL/DGVCL)
- ❖ GTL LIMITED
- ❖ G.H.C.L,Sutrapada
- ❖ GRASIM INDUSTRIES LTD( ADITYA CEMENT UNIT, Chittorgarh)
- ❖ HINDALCO INDUSTRIES LTD

Works: Siltara Industrial Growth Centre, Phase II, 18th Mile Stone, Bilaspur Road, Siltara, RAIPUR -493111(C.G.)



SKS ISPAT AND POWER LIMITED

## CUSTOMERS LIST

- ❖ HOWE ENGG.PROJECTS(INDIA) PVT.LTD ,VIZHINJAM PORT, KERALA
- ❖ HOWE ENGG.PROJECTS(INDIA) PVT.LTD ,KATTUPALLI(T.N.)
- ❖ HYQUIP SYSTEMS LTD
- ❖ INDIA BULLS POWER LTD
- ❖ INDIA BULLS REAL TECH LTD
- ❖ ISC PROJECTS LTD
- ❖ ISPAT INDUSTRIES LTD,DOLVI
- ❖ ISGEC HITACHI ZOSEN LTD,DAHEJ
- ❖ ISGEC HEAVY ENGINEERING LTD.,DAHEJ
- ❖ INTERARCH BUILDING PRODUCTS PVT.LTD
- ❖ IFFCO LTD ,PARADEEP
- ❖ JAKSON LIMITED
- ❖ JHABUA POWER LIMITED
- ❖ J.K.LAKSHMI CEMENTS ,DURG
- ❖ JINDAL STAINLESS LTD,JAIPUR
- ❖ JINDAL SAW LIMITED
- ❖ JUBILANT LIFE SCIENCE PVT.LTD,DAHEJ /PUNE
- ❖ JUBILANT INFRASTRUCTURE LTD
- ❖ JYOTI WEIGHING SYSTEMS PVT.LTD
- ❖ KORBA WEST POWER COMPANY LTD
- ❖ KIRBY BUILDING SYSTEMS LTD
- ❖ KRISHNAPATNAM OILS & FATS LTD



### CUSTOMERS LIST

- ❖ LARSEN & TOUBRO LTD ,Construction(Ahmedabad)
- ❖ LARSEN & TOUBRO LTD ,Construction (Hyderabad)
- ❖ LARSEN & TOUBRO LTD ,Construction (Bangalore)
- ❖ LARSEN & TOUBRO LTD ,Construction (New Delhi)
- ❖ LARSEN & TOUBRO LTD ,Construction (Mumbai)
- ❖ L & T GEOSTRUCTURE , Chennai
- ❖ L&T EPC –POWER ,VADODARA
- ❖ MANGALAM CEMENT LTD,KOTA
- ❖ M.P. Madhya Kshetra Vidyut Vitran Co.Ltd
- ❖ M.P. Poorva Kshetra Vidyut Vitran Co.Ltd
- ❖ MILACRON INDIA PRIVATE LTD
- ❖ M.B.ENTERPRISE, SANAND
- ❖ MONNET ISPAT & ENERGY LTD
- ❖ MUNDRA SOLAR PV LIMITED
- ❖ MSEDCL ,MAHARASHTRA
- ❖ NIRMA LIMITED
- ❖ NALCO,ANGUL(ORISSA)
- ❖ NCL INDUSTRIES LTD,VIJAYWADA
- ❖ OCL INDIA LTD,ORISSA
- ❖ ORIENT CEMENT LIMITED
- ❖ PI INDUSTRIES LTD,JAMBUSAR(DIST.BHARUCH)
- ❖ POWER MECH PROJECTS LTD



SKS ISPAT AND POWER LIMITED

## **CUSTOMERS LIST**

- ❖ **PETRON ENGINEERING & CONSTRUCTION LTD**
- ❖ **PAHARPUR COOLING TOWERS LTD**
- ❖ **RANA SUGARS LTD,MURADABAD**
- ❖ **RELIANCE ENERGY LTD**
- ❖ **ROSA POWER SUPPLY CO. LTD**
- ❖ **RELIANCE INDUSTRIES LTD ,JAMNAGAR**
- ❖ **RELIANCE UTILITIES & POWER LTD**
- ❖ **RELIANCE INDUSTRIES LTD – DAHEJ/ HAZIRA/ NAGOTHANE**
- ❖ **RINL, VIZAG**
- ❖ **ROHIT FERRO TECH LTD**
- ❖ **RAJSHRI PACKAGERS LTD,MANGALORE**
- ❖ **R.K.M.POWERGEN PVT. LTD,CHENNAI**
- ❖ **SUNIL HI-TECH ENGINEERS LTD**
- ❖ **SHREE CEMENT LTD**
- ❖ **SIMPLEX ENGINEERING & HEAVY FOUNDRY WORKS P.LTD**
- ❖ **SE FORGE LTD**
- ❖ **SUZLON ENERGY LTD –BHUIJ /DAMAN/PONDICHERRY**
- ❖ **THE SARASWATI INDL.SYNDICATE LTD,DAHEJ**
- ❖ **SE COMPOSITE LTD- Mangalore**
- ❖ **Shapoorji & Pallonji Company**

Works: Siltara Industrial Growth Centre, Phase II, 18th Mile Stone, Bilaspur Road, Siltara, RAIPUR -493111(C.G.)



SKS ISPAT AND POWER LIMITED

## CUSTOMERS LIST

- ❖ TAL (TAL Manufacturing Solutions Ltd)
- ❖ TANGEDCO (T.N.)
- ❖ TATA PROJECTS LIMITED
- ❖ UDUPI POWER LIMITED
- ❖ UNIVERSAL CABLES LTD
- ❖ URJA ENGINEERS LTD (Now EMCO LTD)
- ❖ ULTRATECH CEMENT
- ❖ VENKATESHWARA POWER PROJECTS LTD,BELGAM
- ❖ VICAT SAGAR CEMENT PRIVATE LTD,KARNATAKA
- ❖ WELSPUN INDIA LTD





# भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)  
(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

(रायपुर शाखा कार्यालय)  
(Raipur Branch Office)

गोविंद सारंग कॉम्प्लेक्स, दूसरी मंजिल,  
GovindSarangComplex, 2<sup>nd</sup>Floor,  
न्यू राजेन्द्र नगर/New Rajendra Nagar,  
रायपुर/Raipur- 492006(छत्तीसगढ़/Chhattisgarh)  
दूरभाष/Tel.:0771-2419404, 2412235,  
फैक्स/Fax:0771-2419404  
वेब/Web: [www.bis.org.in](http://www.bis.org.in) ई-मेल/E-mail: [rpbo@bis.gov.in](mailto:rpbo@bis.gov.in)  
पैन/PAN: AAATB0431G, GSTNo. 22AAATB0431G1ZL

## Attachment to Licence No. CM/L- 8955509

CM/L No.	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
8955509	M/s SKS Ispat Power Ltd, 18 <sup>th</sup> Mile Stone, Phase-II, Industrial Growth Centre, Siltara, District : Raipur Chhattisgarh - 493111	Carbon Steel Cast Billet Ingots, Billets, Blooms and Slabs For Re-rolling into Steel for General Structural Purposes	IS 2830 : 2012

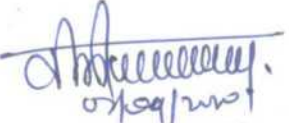
Endorsement No. 14

Dated : 2 SEP 2020

Whereas, the licence was valid upto 31.08.2020

Now, consequent upon renewal, the validity of the licence given in endorsement no.13 has been extended from 01.09.2020 to 31.08.2021.

Other conditions of the licence remain the same.

  
(V. Gopinath)  
Scientist F & Head



# भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)  
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गोविंद सारंग कॉम्प्लेक्स, दूसरी मंजिल,  
GovindSarangComplex, 2<sup>nd</sup>Floor,  
न्यू राजेन्द्र नगर/New Rajendra Nagar,  
रायपुर/Raipur- 492006 (छत्तीसगढ़/Chhattisgarh)  
दूरभाष/Tel.: 0771-2419404, 2412235,  
फैक्स/Fax: 0771-2419404  
वेब/Web: [www.bis.org.in](http://www.bis.org.in) ई-मेल/E-mail: [rpbo@bis.gov.in](mailto:rpbo@bis.gov.in)  
पैन/PAN: AAATB0431G, GSTNNo. 22AAATB0431G1ZL

## Attachment to Licence No. CM/L- 8737596

CM/L No.	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
8737596	SKS Ispat and Power Limited 18 <sup>th</sup> Mile Stone, Industrial Growth Centre, Siltara, Phase: II, Distt : Raipur, Chhattisgarh - 493111	Hot Rolled Medium and High Tensile Structural Steel – Specification	IS 2062: 2011

### Endorsement No. 21 Dated: 15/10/2020

Whereas, the licence was valid upto Thirty First August Two Thousand Twenty.

Now, consequent upon renewal, the validity of the licence given in endorsement No 20 has been extended from **First September Two Thousand Twenty to Thirty First August Two Thousand Twenty One.**

Other conditions of the licence remain the same.

(V. GOPINATH)  
SCIENTIST F & HEAD

ISO 14001:2015



# Registration Certificate

This is to certify that  
The Management Systems  
of

## SKS ISPAT AND POWER LTD.

Carried out at following site:

18TH, MILESTONE, RAIPUR - BILASPUR ROAD,  
VILLAGE - SILTARA, RAIPUR - 493 111  
(C.G.) (INDIA)

for their

## ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001:2015

Scope of Activities covered by this Certificate:

MANUFACTURER & SUPPLIER OF STRUCTURAL STEELS, WIRE RODS,  
TMT, SEMIES, SPONGE IRON, FERRO ALLOYS, POWER, FLY ASH BRICKS,  
OXYGEN, NITROGEN & ITS TESTING OF CYLINDERS

CERTIFICATE NO. : IAS/EMS/D1132

ISSUED ON : 03/09/2019

1ST SURVEILLANCE DUE ON: 03/08/2020

VALIDITY DATE : 02/09/2022

2ND SURVEILLANCE DUE ON: 03/08/2021

THE VALIDITY OF CERTIFICATE IS SUBJECT TO REGULAR SURVEILLANCE AUDIT ON OR BEFORE ABOVE MENTIONED DATES AND IT'S ONLY VALID AFTER SUCCESSFUL SURVEILLANCE WITH CONTINUATION LETTER ISSUED BY CCPL

TO VERIFY THIS CERTIFICATE STATUS PLEASE VISIT AT <http://ccpl.carecertification.com>

AUTHORISED BY  
CHAIRMAN / DIRECTOR



CARE CERTIFICATION PRIVATE LIMITED

THIS IS SINGLE-SITE CERTIFICATION

[WWW.CARECERTIFICATION.COM](http://WWW.CARECERTIFICATION.COM)

U.K. OFFICE : - KEMP HOUSE, 160 CITY ROAD, LONDON, EC1V2NX, UNITED KINGDOM

INDIA OFFICE : - 134 - A, 2ND FLOOR, TAIMOOR NAGAR, N.F.C., NEW DELHI - 110 065

THE CERTIFICATE REMAINS THE PROPERTY OF CCPL AS PER CERTIFICATION AUDIT CONTRACT

CCPL is accredited by International Accreditation Service (IAS) United States of America

ISO 9001:2015



# Registration Certificate

This is to certify that  
The Quality Management Systems

of

## SKS ISPAT AND POWER LTD.

Carried out at following site:

18TH, MILESTONE, RAIPUR - BILASPUR ROAD,  
VILLAGE - SILTARA, RAIPUR - 493 111  
(C.G.) (INDIA)

for their

### QUALITY MANAGEMENT SYSTEM ISO 9001:2015

Scope of Activities covered by this Registration:

MANUFACTURER & SUPPLIER OF STRUCTURAL STEELS, WIRE RODS,  
TMT, SEMIES, SPONGE IRON, FERRO ALLOYS, POWER, FLY ASH BRICKS,  
OXYGEN, NITROGEN & ITS TESTING OF CYLINDERS

CERTIFICATE NO. : IAS/QMS/D1933

ISSUED ON : 03/09/2019

1ST SURVEILLANCE DUE ON: 03/08/2020

VALIDITY DATE : 02/09/2022

2ND SURVEILLANCE DUE ON: 03/08/2021

THE VALIDITY OF CERTIFICATE IS SUBJECT TO REGULAR SURVEILLANCE AUDIT ON OR BEFORE ABOVE MENTIONED DATES AND IT'S ONLY VALID AFTER SUCCESSFUL SURVEILLANCE WITH CONTINUATION LETTER ISSUED BY CCPL

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AUTHORISED BY  
CHAIRMAN / DIRECTOR



### CARE CERTIFICATION PRIVATE LIMITED

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INDIA OFFICE : - 134-A, 2ND FLOOR, TAIMOOR NAGAR, N.F.C., NEW DELHI - 110 065

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