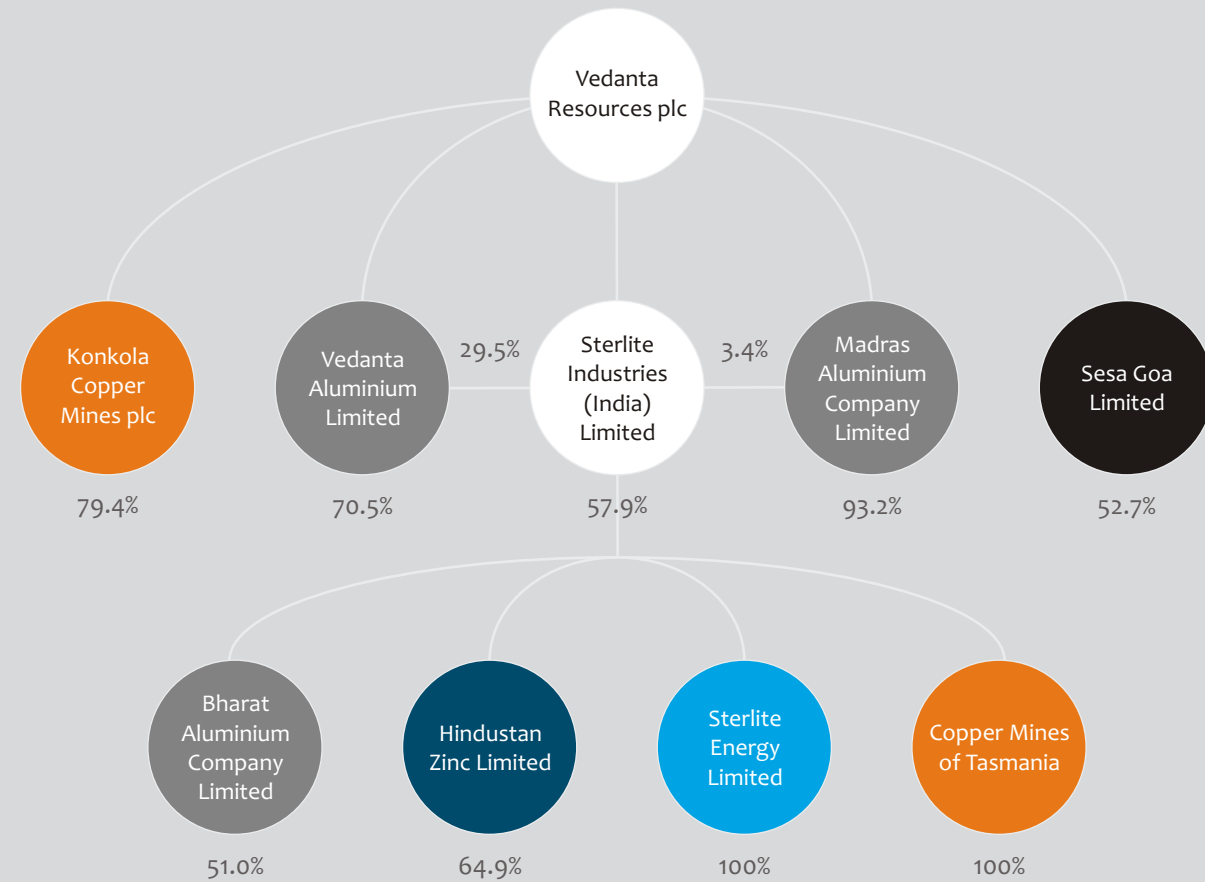
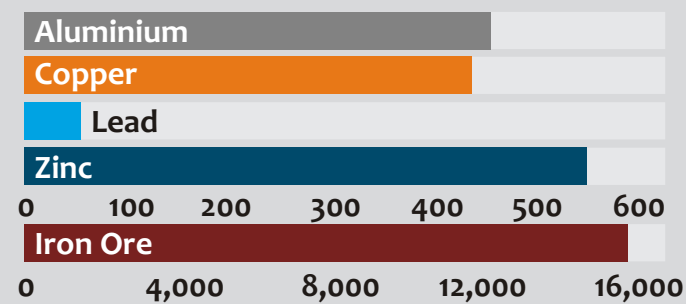


Aluminium
enabling **better** and
brighter lives **globally**





Production Ktpa



(As of Annual Report 2009)

The Group

Vedanta Resources plc is a London Stock Exchange listed diversified FTSE 100 metals and mining company with wide-ranging interests in aluminium, copper, zinc, lead, iron ore and commercial energy. Vedanta is India's largest non-ferrous metals and mining company based on revenues.

Vedanta has operations in India, Zambia and Australia and a strong organic growth pipeline of projects. With an empowered talent pool of nearly 29,000 employees globally, the company places strong emphasis on partnering with all its stakeholders based on the core values of entrepreneurship, excellence, trust, inclusiveness and growth.

Vision

To create a world class, diversified resources company with high quality assets, low cost production, providing superior returns to our shareholders.

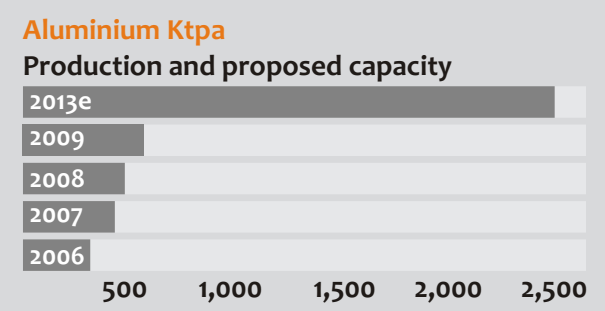
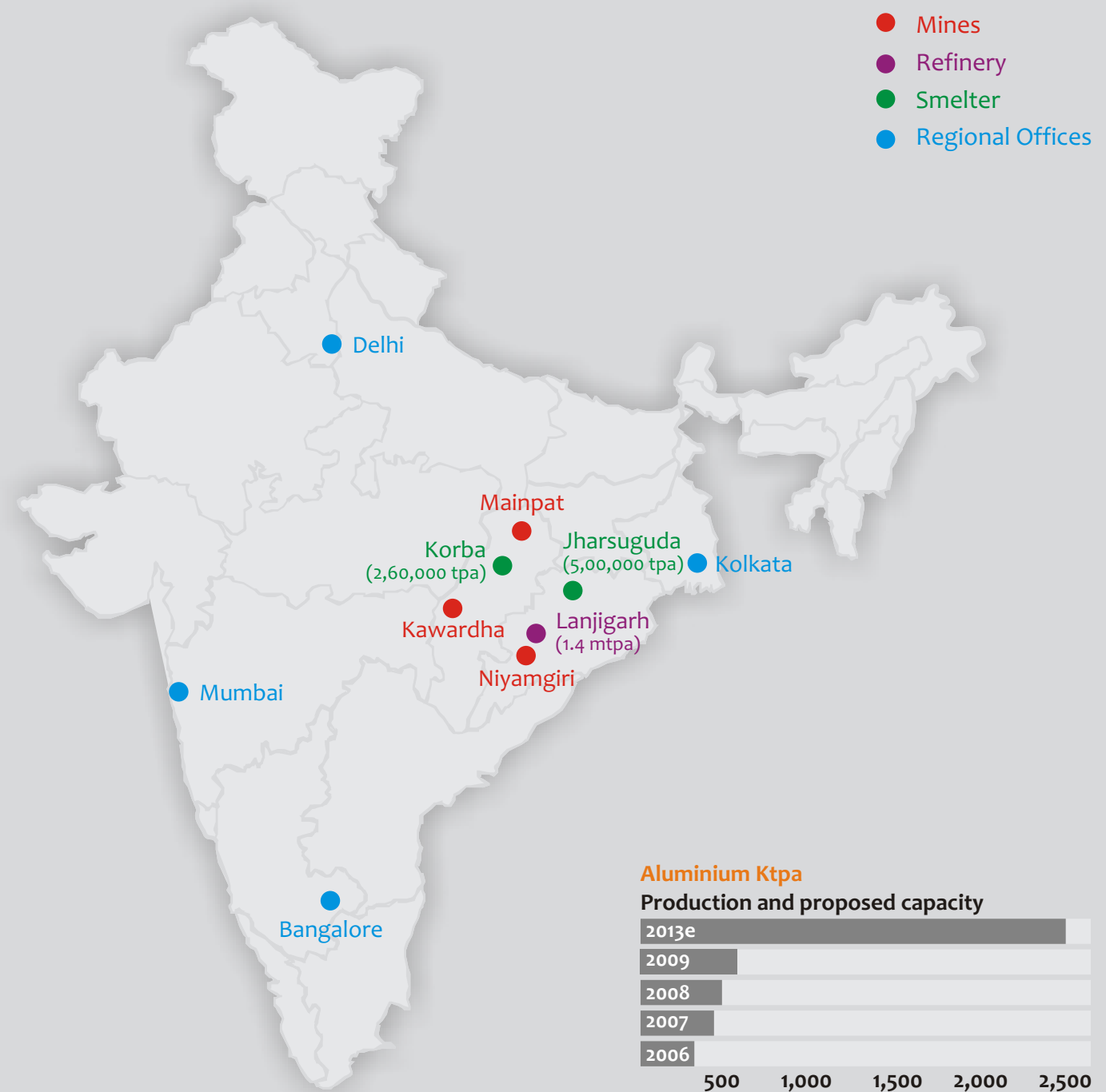
Mission

To be a world-class metals and mining group and generate superior financial returns.

“ India is a fast-emerging and attractive resource destination, and we believe our strategy and business objectives will harness India's high-quality wealth of mineral resources at low costs of development, positioning it as a leader on the global metals and mining map. ”

Anil Agarwal
Chairman





Aluminium Business Overview

India is positioned to become one of the largest producers of aluminium globally, with the world's 6th largest reserves of bauxite and the 4th largest reserves of coal. A large share of these reserves are located in the State of Orissa. Vedanta's existing presence in the region, together with its excellent track record of executing projects ahead of time and at low capital costs, makes it ideally placed to lead the development of these abundant bauxite and coal reserves.

Aluminium business operations for Vedanta Resources plc are carried out under two companies viz. Bharat Aluminium Company Ltd and Vedanta Aluminium Ltd. Both the companies are undergoing major expansion, post which they will be among the largest single site smelters in the world.

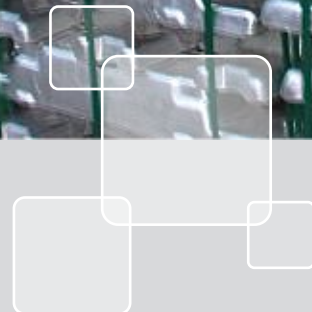
Bharat Aluminium Company Ltd. (BALCO)

BALCO has been closely associated with the Indian aluminium industry since its inception, playing a pivotal role in making aluminium a leading metal with myriad uses. BALCO has its operations at Korba in the state of Chhattisgarh with a smelter capacity of 2,60,000 tpa with capabilities to produce ingots, wire rods, billets, busbars, and rolled products. The company is also setting up a new project with smelting capacity of 6,50,000 tpa. The power for the smelter operations is fed through the Captive Power Plants.

Vedanta Aluminium Ltd. (VAL)

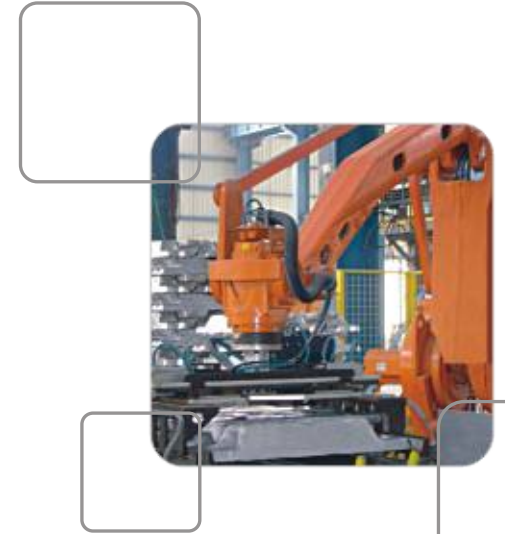
VAL has one of the world's premier alumina refining and aluminium smelting operations in terms of its technology, human resources and high quality infrastructure. The company has its operations in the two districts (Kalahandi and Jharsuguda) of Orissa. The refinery with a production capacity of 1.4 million tpa is located at Lanjigarh in Kalahandi; and the 5,00,000 tpa smelter is located at Jharsuguda to produce ingots, billets, wire rods, slabs and busbars. Both the refinery and the smelter are undergoing expansions to increase capacity to 5 million tpa and 1.8 million tpa respectively.

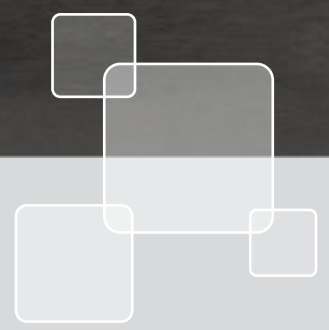




Ingots

Type	: P1020(LME Registered), EC Grade, CG Grade
Size of Ingots	: 740 mm x 170 mm x 114 mm
Weight of Ingots	: 22.7 ± 1.5 kgs each on an average
Size of Ingot stack	: 740 mm x 740 mm x 1026 mm
Weight of Ingot stack	: Approx. 1000 kgs
LME Brands	: “Bharatal”, “Vedantal”





Wire Rods

BALCO

Type : EC / Alloy
 Diameter : 9.50, 12.0 mm (± 0.5)
 Coil Weight : 1-2.5 Tons
 Coil ID : 550, 750 mm
 UTS & Conductivity : EC Grade

Temper	UTS (MPa)	Conductivity (%)
O	59-97	61.8
H12	83-117	61.5
H14	103-138	61.4
H16	117-152	61.3

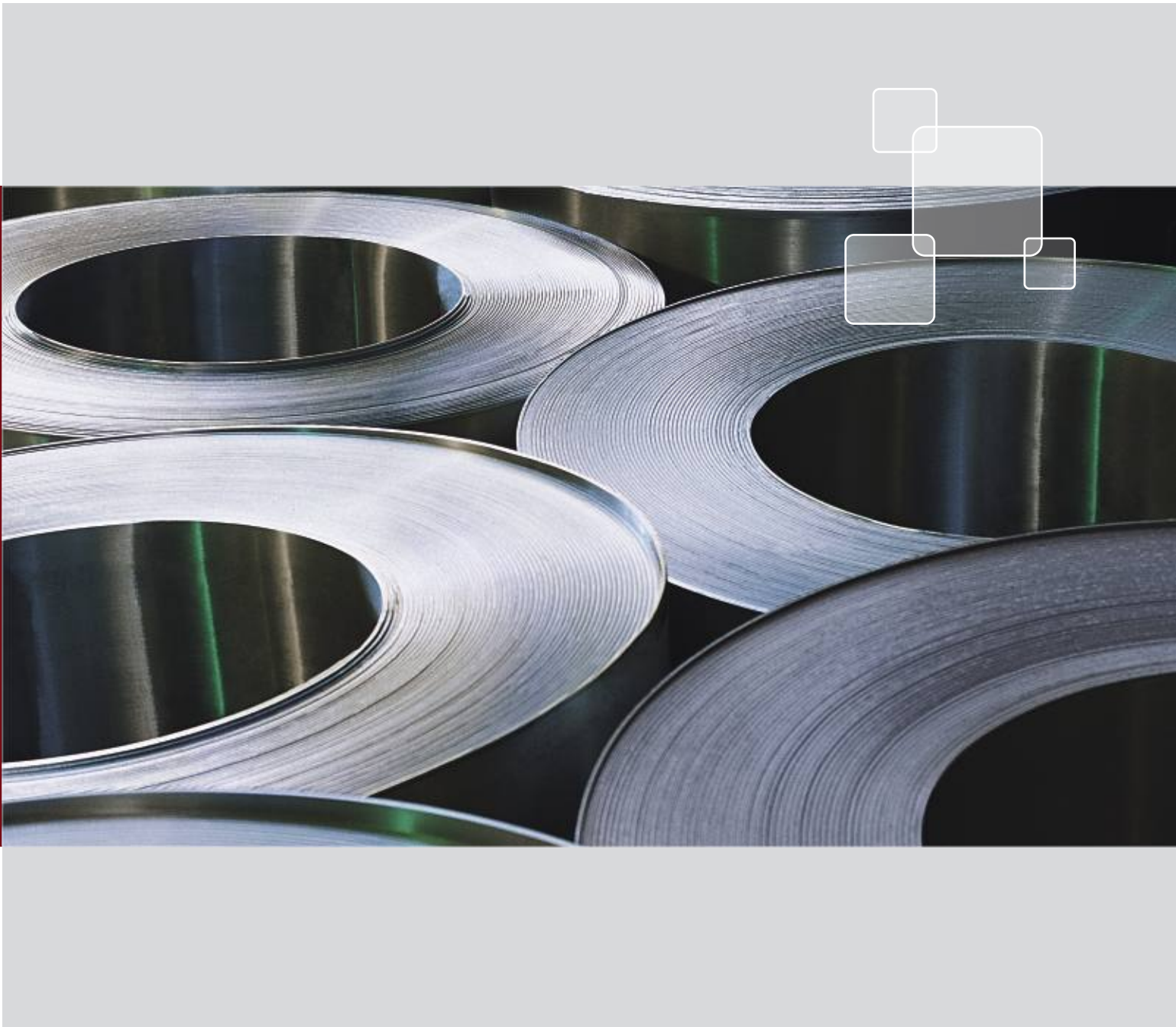
Alloy Grade		
Temper	UTS (MPa)	Conductivity (%)
O	90-159	55
M	147-227	53

VAL

Type : EC
 Diameter : 9.50 mm (± 0.5)
 Coil Weight : 1-2.5 Tons
 Coil ID : 560 mm
 UTS & Conductivity : EC Grade

Temper	UTS (MPa)	Conductivity (%)
H12	83-117	61.5
H16	117-152	61.3





Rolled Products

Hot Rolled Coils

Alloy	: 1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 8xxx
Width in as rolled condition	: Untrimmed Range : 885-1620 mm Standard : 890, 965, 1240, 1270, 1540, 1620 mm
Thickness	: 4.50-12 mm for alloys of Al, Al-Mn, Al-Si 6-8 mm for alloys of Al-Mg, Al-Mg-Si, Al-Cu-Mg
Arbour Diameter	: 750 mm without spool
Coil Density	: 2000-4500 kgs
Temper	: M, F
Finish	: Mill Finish

Hot Rolled Plates

Alloy	: 1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx
Width	Range : 800-1540 mm Standard (Trimmed) : 915, 1220, 1400 and 1500 mm Standard (Untrimmed) : 1270, 1540 mm
Thickness	: 6-200 mm for 1xxx 10-200 mm for 3xxx, 4xxx 25-200 mm for 5xxx 8-20 mm for 2xxx, 6xxx (stretched)
Weight	: Depends on dimensions
Temper	: F / M, O, H1, H111, H112, T4, T6
Finish	: Mill Finish





Cold Rolled Coils and Strips

Alloy : 1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 8xxx

Width in as rolled condition : Untrimmed
 Range : 800-1620 mm
 Standard : 890, 965, 1000, 1015, 1270, 1460, 1540, 1620 mm
 Trimmed
 Range : 100-1500 mm
 Standard : 305, 610, 762, 915, 1000, 1009, 1220, 1321, 1500 mm

Thickness : Untrimmed : 0.25-6.0 mm
 Trimmed : 0.12-2.0 mm

Arbour Diameter : Untrimmed : 750 mm with full weight coils
 Trimmed : 200 mm (for all thickness)
 500 mm (for thickness 0.4 mm & above)

Coil Density : 1.0-4.0 kgs / mm width

Coil Weight : Untrimmed : 1000-3000 kgs
 Trimmed : 1000-2500 kgs
 Part Coil : 250-350 kgs

Temper : M, O, H1, H2, H3, H4
 (For coils of thickness 0.12 mm-2.0 mm in trimmed condition with coil density of 1.0-2.0 kgs / mm width)
 O, M (for coil with untrimmed edges in heat-treatable alloys)

Finish : Mill Finish
 (We also make fin stock, foil stock, closure stock, lamp cap stock)

Cold Rolled Sheets

Alloy : 1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 8xxx

Width : Range : 800-1500 mm
 Standard : 915, 1000, 1159, 1220, 1300, 1321, 1500 mm

Length : Range : 1830-4350 mm
 Standard : 2440, 2540, 2745, 3000, 3050 mm

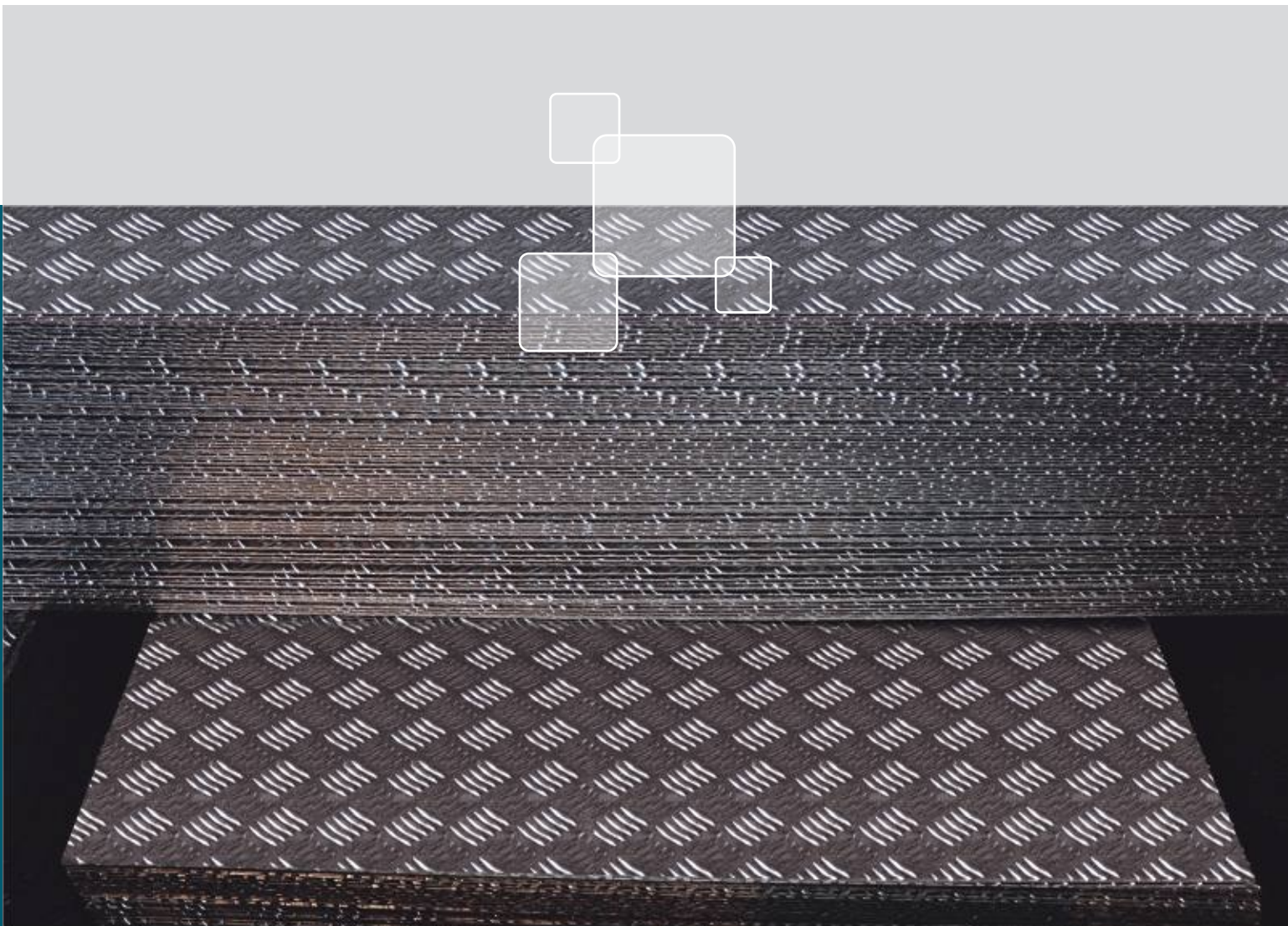
Thickness : 0.56-4.00 mm (length & width for sheets having thickness of over 4.00 mm is subject to confirmation)

Weight : Depends on dimensions

Temper : O, H1, H2, H3, H4, T4, T6

Finish : Mill Finish





Chequered Sheets

Chequered 6061 Heat Treated

Width Range : 800-1500 mm
 Standard : 813, 880, 1500 mm
 Length Range : 1830-4000 mm
 Standard : 2440, 3660 mm
 Thickness : 1.5-3.25 mm
 Alloy : 6061
 Temper : W, WP, M
 Finish : Mill Finish
 Patterns : Star, Diamond

Balcheq

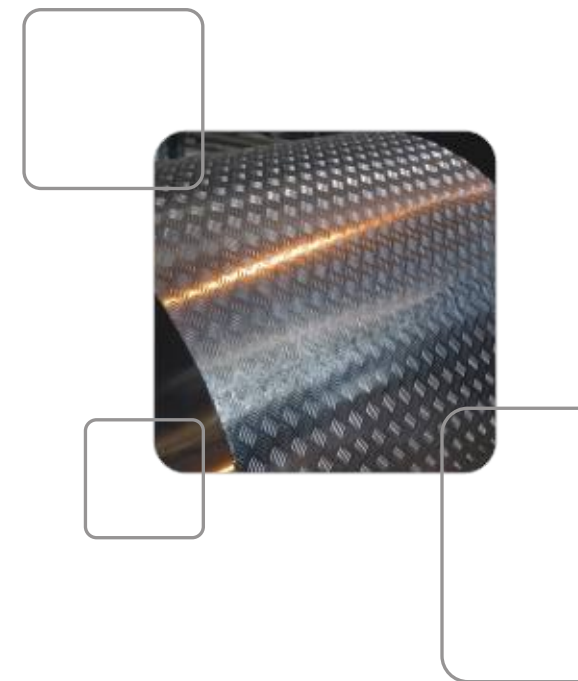
Width Standard : 813, 915, 1220, 1500 mm
 Length Range : 1830-4350 mm
 Thickness : 0.7-5 mm
 Alloy : Special, 3105
 Temper : M

Baltread

Width Standard : 813, 880, 915, 1220, 1550 mm
 Length Range : 2000-4000 mm
 Thickness : 1.0-3.25 mm
 (More thickness can be supplied in coil form)
 Alloy : Special, 3105
 Temper : M

Ridge Height (5 Bar)

Base Thickness	Ridge Height
0.7-1.0 mm	0.3-0.6 mm
1.1-2.5 mm	0.5-0.9 mm
2.5-3.25 mm	0.6-1.1 mm





Slabs

Size : 410 mm x 1270 mm, 410 mm x 1540 mm, 410 mm x 1620 mm
Length Range : 5500 to 5700 mm
Alloy : 1xxx

Billets

BALCO

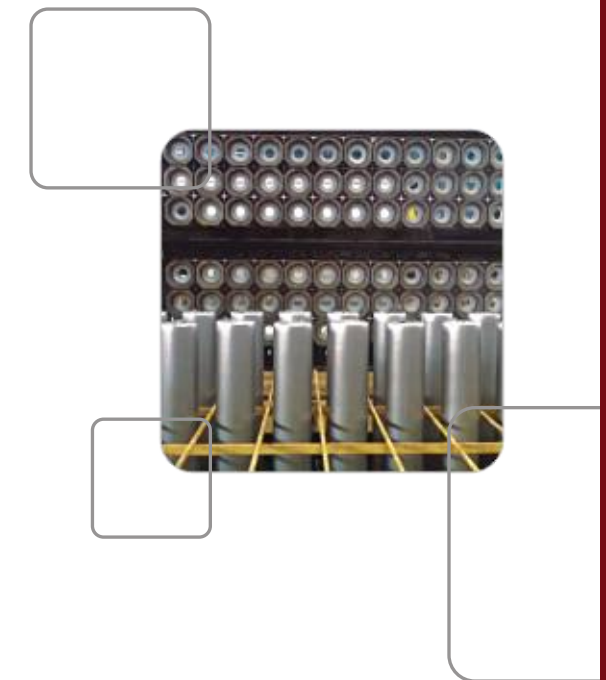
Diameter : 16", 20", 24", 32"
Length Range : 1000-6000 mm
Alloy : 1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 8xxx

VAL

Diameter : 7", 8" & 9"
Length Range :
Short cut 600-1000 mm
Long cut 3500-6000 mm
Alloy : 6xxx

Busbars

Width Range : 500-1620 mm
Length Range : 2000-5000 mm
Thickness : 220-410 mm
Alloy : 1070, 1060, 1350, 19501
Temper : M





Environment

Vedanta Group complies with all applicable Environmental and Occupational Health and Safety Assessment (OHSAS) Certification rules and regulations, thereby providing a perfectly safe and environment friendly work atmosphere.

The Group takes every conceivable step towards the conservation of raw materials, water, energy and wherever applicable recycles water and reduces waste. It uses state of the art technologies in all its manufacturing processes, ensuring maximum environment protection and minimum health risks. Awareness campaigns for environmental issues are carried out regularly.

Aluminium division of the Group has installed continuous ambient air quality monitoring station in Korba city to demonstrate environmental consciousness and has a gas cleaning and cryolite regeneration plant to minimize emission of gases. It has mud ponds for disposal of red mud generated from bauxite. The division has also come up with a massive greenbelt development program by planting hundreds of thousands of trees in Korba region. 40,000 different species of trees have been planted in the Rehab Colony in Jharsuguda where an orchard has also been cultivated. Pollution control measures have been adopted and water spraying at plant sites is also practiced.



Social Responsibility and Sustainability

The Group over the years has been very active on the social front. Construction and development of roads around its various plants and other infrastructure development, health and sanitation programs, adoption of villages in terms of providing water, education, health, sports, electricity, etc and other welfare activities regarding women empowerment, providing livelihood and a lot of other activities are undertaken by the Group on a regular basis.

Aluminium division of the Group partnering with Municipal Corporation has undertaken infrastructure improvement programs in the region. Mid-day meals are being provided to many school going children in partnership with the government. Self help groups (SHG) have been formed for encouraging women empowerment, computer literacy, providing vocational training for making papads, dry leaf bowls, fly-ash bricks and a lot more. Bio-gas plants, plantation of Jatropha saplings are other initiatives undertaken for providing livelihood.

Sustainable development is a key part of Vedanta's strategy and overall ethos. It represents a core commitment of management and employees.

The Group believes that businesses will increasingly play a significant role in tackling and driving the sustainability challenge. The focus on sustainability drives the conviction to pursue value creating projects and at the same time achieve positive environmental, social and health and safety outcomes.

Certification

- ISO 9001 : 2000
- ISO 14001 : 2004
- OHSAS 18001 : 2007

Awards

For Excellence in Performance:

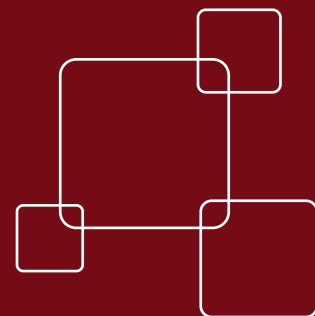
- **Golden Peacock Award for CSR, 2008**
- **Technology Trophy for BALCO Fuse Technology IDEAS UK, 2008**
- **Srishti Award of Commendation for Good Governance** Srishti Foundation, 2007
- **Confederation of Indian Industry (CII), Chhattisgarh Excellence Award in HR 2nd prize, 2007**
- **Golden Peacock Business Leadership Award, 2006**
- **Oscar of Information Technology, CIO - 100, 2006**

For Environment Management:

- **FIMI Gem Granite Award** Environment Management (awarded to Mainpat Mines) Federation of Indian Mineral Industries, 2008
- **Best Pollution Elimination Eco Friendly Industries (CG)** VRM Foundation, 2008
- **Greentech Platinum Environmental Excellence Award** Minerals and Metal Sector Greentech Foundation, 2007
- **Golden Peacock Environment Management Award** World Environment Foundation, 2007
- **Greentech Environment Silver Award in Power Sector, 2007**
- **Golden Peacock Award** Special Commendation Certificate for Environment Management, 2006
- **Greentech Environment Excellence Gold Award** Metal Sector, 2006

For Health & Safety Initiatives:

- **International Safety Award** Smelter - II British Safety Council, 2008
- **International Safety Award** Central Maintenance - British Safety Council, 2008
- **National Safety Award** Smelter II Winner - Govt. of India, 2008
- **National Safety Award** Central Garage Winner - Govt. of India, 2008
- **Gold Award in Safety** Metal sector & Power sector - Greentech, 2008
- **Golden Peacock Health & Safety Award** Commendation Certificate Institute of Directors, 2008
- **Gold Award in Safety** Metal sector - Greentech, 2007
- **Greentech Safety Excellence Silver Award, Power Sector, 2007**
- **Greentech Safety Excellence Gold Award** Metal & Mining Sector, 2006





BALCO:

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Chhattisgarh. India
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VAL:

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Orissa. India
T: +91 6645-266257, F: +91 66-45267423

Exports Division:

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C wing, 2nd Floor, Andheri-Kurla Road,
Andheri (E), Mumbai-400 093. India
T: +91 22-66434641, F: +91 22-66434652

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