



# Report Content

The goal of sustainable development is to “meet the needs of the present without compromising the ability of future generations to meet their own needs.” BSP aims to create knowledge sharing organization, develop new opportunities to generate prosperity, enhance quality of life and resolve the risks and threats to sustain ability in context of social relations, environment conservation and long-term economic growth. BSP endeavours to implement innovations and new technology in its activities, products and services. We focus on effective stakeholder engagement, consider social impacts in investment decisions and incorporate transparency in all our activities.

This report provides a platform for measuring & disclosing information related to “sustainability context” of our organisational performance. The content has been made to meet the requirements of our internal and external stakeholders. The reporting has been done as per the G3 sustainability reporting guidelines of Global reporting Initiative (GRI). Indicator protocols, sector supplements and technical protocols have been referred to and relevant aspects have been incorporated in the report, wherever applicable. The report represents the balanced and reasonable presentation of our positive and negative contributions. The reporting principles of materiality, stakeholder inclusiveness, sustain ability context and completeness have been applied in the report. This is the seventh sustain ability report of Bhilai Steel Plant. The report covers the reporting period from 1<sup>st</sup> April 2008 to 31<sup>st</sup> March 2009.

The standard disclosure of the report includes strategy, profile, governance, and management approach and performance indicators. While applying the reporting principles approach, attempt has been made to address all the core indicators and relevant additional indicators. The appropriate topics and indicators were selected based on its significance on economic, environmental and social performance of the organization and its substantial influence on the assessment and decision of stakeholders. The wider context of sustainability of our organization presenting reasonable expectation of the stakeholders; the challenges in balancing these expectations are also discussed. Systematic and generally accepted stakeholder engagement process has been implemented. The outcome of the stakeholder engagement process and our strategies are described in the report. The report takes into account of upstream and downstream processes which have significant influence on our organization. Efforts have been made to include all significant actions or events and reasonable estimates of future impacts of past events. The report considers the principles of defining quality viz. balance, comparability, accuracy, timeliness, clarity and reliability.



This report has also considered the reporting guidance for Boundary Setting. While deciding boundary, assessment has been made on those entities over which whether BSP exercises control (power to govern the financial and operating policies, so as to obtain benefits from its activities) or have significant influence (power to participate in the financial and operating policy decisions of the entity). While considering the boundary setting, it has been ascertained that the boundary of the report is limited to activities, product and services of Bhilai Steel Plant (BSP) and its captive mines of Iron Ore at Dalli-Rajhara, Limestone at Nandini Mines and Dolomite Mines at Hirri. The scope limitations have been indicated at the relevant locations. BSP being unit of SAIL, does not enter into Joint Venture on its own, hence reporting on JV is not in the scope of the report. For the same reason, information related to SAIL shareholders, Board of directors, corporate governance, General Body Meetings, and other supporting guidelines have been incorporated at relevant locations. There are no significant changes wrt to previous reports with regard to scope, boundary and measurement methods applied in the report.

This report focuses in the three broad sections of sustainability namely economic, environment and social aspects. The report specifies the overall context and approach of BSP's performance towards its strategy, profile and governance. It also describes the management systems, policies, practices, objectives & targets for addressing the sustainability issues of BSP. The identified core and additional indicators that reasonably present the economic, environmental and social performance of BSP, have been reported.

Statutory audit of economic & financial systems are conducted by auditors. Internal audit is also carried out within organization. Being public sector unit, Government auditors also conduct verification and review. Environment audits are conducted by External Auditors/Internal Auditors/personnel from Environment Management Department on regular basis. Environment Management System meeting ISO 14001:2004 has been installed in plant and township.

Safety audit is also conducted on regular basis. External audit for safety is conducted under Occupational Health & Safety Management System (OSHAS 18001) in shops. Review of social aspects as per SA 8000 principles & procedures is done by external and internal assessors. Recommendations based on outcome of the reviews, are under implementation.

The following Criteria/definitions are used for preparation of this report:

- Financial Reports are prepared as per the guidelines provided in Company Law in India
- Energy and CO<sub>2</sub> calculation as per WSA guidelines
- Monitoring, measurement and calibration is carried out as per relevant Indian standards.
- Documentation & communication are done as per the requirement of ISO-9001, ISO-14001, OSHAS 18001 and SA 8000.
- Norms and procedures prescribed for workplace safety under Ministry of Labour & Welfare (Factories Act) & Ministry of Environment are followed.

No acquisition has been done by BSP. No unit has been closed, divested or relocated during the year. The last sustainability report was prepared for the year 2007-08. BSP has been publishing sustainability reports every year based on GRI guidelines since 2002-03. The current report for 2008-09 has been self verified against the criteria in the GRI application levels. BSP has decided to self-declare its reporting level based on its own assessment. The economic, environmental and social issues and indicators have been reported as per G3 guidelines.

For additional information about the BSP efforts towards sustainable growth, users can directly contact at the following address:

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## Overview

Steel Authority of India Limited (SAIL), a Government of India undertaking, is India's largest steel producer with a production of 13.4 million tonnes of crude steel and 21st largest steel producer in world. Offering about 50 mild, special and alloy steel products in 1000 qualities and 5000 dimensions. With diversified portfolio of long and flat steel products the company not only dominates the domestic steel industry by market share close to 20%, but also has a considerable international presence with SAIL steel finding ready acceptance in over 30 countries worldwide. The government holds majority of shares (85.80%) with the remaining being held by different Financial Institutions, Banks, Mutual Funds, FIIs and the general public. SAIL is also a leading business organization of the country in terms of market capitalization and profit.

Bhilai Steel Plant (BSP) commemorating its 50th year of production is the flagship unit of Steel Authority of India Limited (SAIL), contributing close to 50% of the total profit of the company. BSP derives significant competitive advantage through key SAIL organizations viz. Central Marketing Organization (CMO) the largest industrial marketing network in the country, Research and Development Centre for Iron and Steel (RDCIS), Centre for Engineering and Technology (CET), Management Training Institute (MTI), Raw Materials Division, Environment Management Division, Growth Division and Safety Organization. BSP has its own captive mines resulting in significant competitive edge in the form of secured availability of key input raw materials i.e. iron ore and dolomite.



## Operational Structure

Head Office – Steel Authority of India Limited,  
Ispat Bhawan, Lodhi Road,  
New Delhi - 110003

Plant office – Bhilai Steel Plant, Ispat Bhawan  
Bhilai, Chhattisgarh - 490001





## Vision

SAIL units were set up in Government sector to make India self reliant in steel required for rebuilding of newly independent country and spur development in their surroundings. SAIL, the dominant steel maker in the country aligned to new business realities in 90s and showed remarkable resilience during the downturn at the turn of century. The present Vision was developed in 2001 by revising the then existing Vision in the context of the rapid integration of the Indian economy with the global economy. The Vision is accompanied by our system of beliefs and principles encapsulated in our Credo.

### Our Vision



To be a respected world Class Corporation and the leader in Indian steel business in quality, productivity, profitability and customer satisfaction.

### In conducting our business, we value:

- Initiative – Having the courage, creativity and discipline to lead change and shape the future
- High Performance – Achieving superior business results, stretching our capabilities and valuing the contributions of every employee
- Win-Win Relationships – Having relationships which focus on the creation of value for all stakeholders
- Stewardship – A commitment to health, safety, environmental responsibility and our communities
- Safety – A relentless commitment to working safely and looking out for the safety of our contractual labours and others with whom we do business
- Integrity – Ethically and honestly doing what we say we will do
- Respect for the Individual – Embracing diversity and inclusion, enhanced by openness, sharing, trust, teamwork and involvement

## Credo

- We build lasting relationships with customers based on trust and mutual benefit.
- We uphold highest ethical standards in conduct of our business.
- We create and nurture a culture that supports flexibility, learning and is proactive to change.
- We chart a challenging career for employees with opportunities for advancement and rewards.
- We value the opportunity and responsibility to make a meaningful difference in people's life.

## Organizational profile

The plant is headed by Managing Director, who is a member of SAIL Board of Directors and reports to Chairman, SAIL. At the plant-level, the top management comprises of MD and his DROs at ED / GM level who are functional heads. The senior level is made up of the Zonal Heads/HODs who are DROs to their respective functional heads, mostly GMs / DGMs. The middle level comprises of sectional heads at DGM / AGM level, and the frontline executives consist of Senior Managers down to Junior Managers. Total number of executives and non-executives on 01.04.2009 is 3544 and 29443 respectively.

The corporate governance of the company is characterized by systems, structures and processes. SAIL Board comprises of a Chairman, whole time Directors and Non-Executive Directors including independent Directors as per SEBI / GOI guidelines. SAIL-level committees are in place to facilitate the Board to take effective measures on issues related to business ethics. Internal Audit function undertakes audit of systems, processes and activities to ensure ethical practices. Integrity Pact has been made mandatory for all tenders, contracts, long term agreements valuing Rs. 100 Crores and above. Governance has been strengthened through Sustainability Reporting. The code of conduct for senior officers is established. Vigilance department is the key agency to ensure compliance of CVC guidelines





## Major technologies and facilities

BSP is a fully integrated steel plant having all the basic facilities including captive mines, sinter plants, coke plant, blast furnaces, steel melting shops, rolling mills and service departments.

Rails for Indian Railways are produced exclusively through modern BOF Converter – Ladle Furnace – RH Degasser – Continuous Casting route for the highest quality and consistency. A world-class long rail manufacturing complex has been set up at BSP where rails are produced of rolled lengths of 80 meter and welded panels up to 260 meter. The mill has sophisticated technologies viz. Online Eddy Current & Ultrasonic Testing Machines for Rails, Laser Straightness Measurement, Laser Controlled Presses for Rails, etc.

Plate Mill has advanced facilities for ensuring high product quality i.e., On-line Ultrasonic Testing Machine, Hydraulic Automatic Gauge Control, Plan View Rolling, Normalizing Furnaces, etc.

BSP has acquired state of the art technologies through systematic planning processes involving expert bodies namely RDCIS, CET and MECON. The modern technologies include 7.0 m tall Coke Oven Batteries, Sintering Machine of 320 m<sup>2</sup> area with circular cooler, Paulwurth Bell Less Top charging, Hoogoven's stove design, INBA slag granulation, VAD, RH Degasser, Ladle Furnace, Desulphurization unit, etc. The Expansion and Modernization Plan, drawn under the framework of Corporate Plan 2012, envisages installation of new technologies for improvement in productivity, yield and quality and for reducing operational cost.

IT has been deployed extensively in all the major functions for numerous on-line applications for higher efficiency and greater speed on optical fiber network (ATM) criss-crossing the plant. Major legacy IT systems have been replaced by ERP which went live on 1.04.2009.



## Regulatory environment

For ensuring compliance to regulatory acts in two major areas i.e. Safety and Environment, dedicated departments are in place viz. Safety Engineering Department and Environment Management Department.

Environmental Management System as per ISO 14001:2004 standard has been installed at the plant along with the Township.

BSP has implemented Occupational Health and Safety Management System based on OHSAS-18001 standard in all its 43 factories. BSP has implemented SA: 8000:2001 based Social Accountability Management System in all the factories inside the works area.



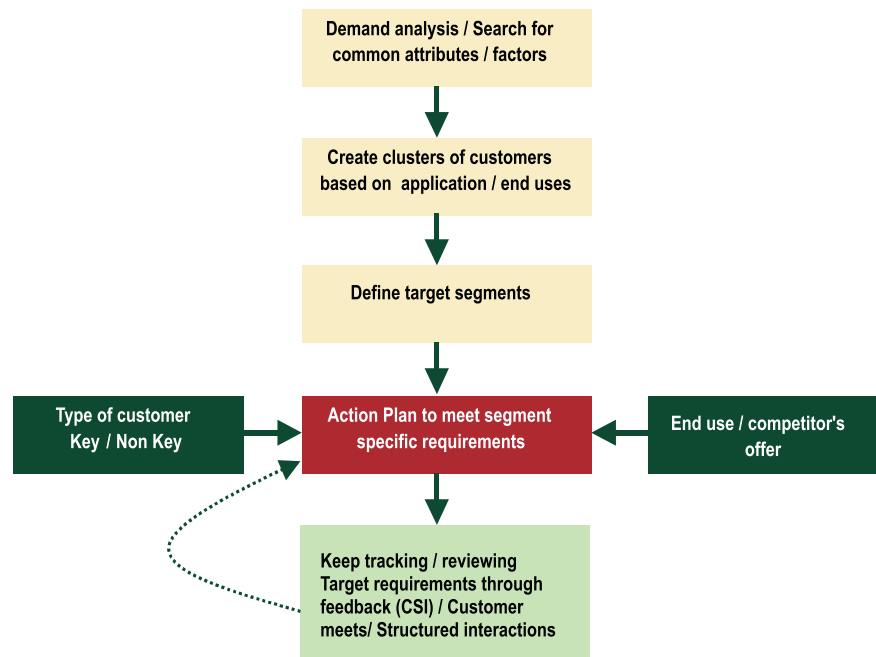
## Key Customers & Market Segments

BSP's products, its market segment, key customers and market share are given below.

Main Products	Key Segment	Key Customers	Market Share
Railway materials	Railway Track Heavy M/c. Boiler & PV Line-pipe water	Indian Railways Thermax Ltd. Indian Oil Corporation Ltd. Essar Ltd, Ispat Ind.	84.1%
Plates	Line Pipe- Crude & Gas  Construction/Fabrication	Bharat Earth Movers Ltd.  Nagarjuna Construction Co. BPCL ( for export)	19.0%
Bars, Rods &	Wire Rods of Electrode Qlty	L&T Ltd.	Bars & Rods-5.1%
Structurals	Wire drawers Construction TMT Bars & Structural	Gammon India Ltd. KEC International Limited NTPC, BHEL	Structurals - 6.7%

RINL, Tata Steel and JSPL are main competitors in Long products whereas in the area of heavy and wide plates BSP is the only major supplier. In view of the emerging competition in this product, BSP has taken urgent steps and installed new technologies in SMS-II and Plate Mill.

Demand analysis for various steel products for different end users is carried out by the Market Research Group of CMO. Based on the common attributes, these end users are clustered into various segments. The segment specific requirements in terms of demand, quality and other parameters like certification, packing, delivery etc are frozen by regular interactions with the customers. Focused attention is paid to the key account customers who are strategically significant to Bhilai Steel Plant contributing major share of revenue earnings.





Bhilai Steel Plant is continuously monitoring demands/expectations from target market segment and customer groups in terms of quality, price and delivery.

The feedback/requirements of customers/segments are collected through various customer interactions/customer meets/joint task force meets etc. which are organized at branch/regional/national levels to improve service and product features. The Key Account Management (KAM) process provides the key customers single window support through the Key Account Manager for indicating their requirements and feedback on a regular basis.

### Activities of various groups engaged in demands/expectation of market segments/customers

Activity/responsibility	Purpose/Subject/ Frequency
<b>Market research group regional</b>	The Market Research Group with its HQ at Kolkata and representatives, with assistance of the field setup, interact with various industry forums and prepare the blueprint for the Annual Business Plan of the company. During the year they keep updating the management with product-wise data with regard to production and supplies, market prices, market signal and forecast, quality feedback and customer contact reports, analysis of domestic and international prices, import trends, impact of shift in Government Policies etc.
<b>Market Development Group</b>	Visits customers regularly for monitoring feedback on performance of products.
<b>Plant- Marketing interactions</b>	Regular structured interactions in monthly sales co-ordination meetings between producing units of plant and field officers, application engineers and product managers of Central Marketing Organisation for appreciation and unified approach in fulfilling customers' requirements.
<b>Customer meets</b>	Periodic meets for customer groups
<b>Customer visits</b>	Monthly to key customers by Key Account Managers. Periodically by Senior Officers of plant.
<b>Plant visits</b>	As per needs
<b>Customer survey &amp; CSI for key customers</b>	Monthly by key account managers at branch levels
<b>Customer response survey by Market Research Agency (PMT)</b>	Annually

The market trends, customer profiles, customer feedback and different literature surveys are the key inputs for designing and developing new products.

During the process of product development as well as commercialization, continuous assessment and review is carried out at various stages. BSP involves customers also, as needed, during this process to achieve the desired results as a win-win approach.



### New products introduced during 2005-06,06-07 & 07-08.

New eco-products Developed	Type	New eco-products Developed	Type
1. Plates for ATM safes in SAIL-HITEN 590 AR quality	High Tensile	21. SAILMA 300 HI normalised plates in 80 mm thickness.	High Tensile
2. TMT Fe 415 Rebar in 6, 20, 25 mm section	High Tensile	22. 90 mm thick plates in High Tensile quality with ultrasonic soundness	High Tensile
3. TMT Fe 415 Rebar with Nb micro alloying	High Tensile	23. Micro alloyed heavy structurals in beam 600 section	High Tensile
4. Naval grade plates in DMR 249 A quality	High Tensile	24. Thick Web asymmetrical rail	High Tensile
5. Semi-rolled plates (100 mm) for Bulb bar in DMR 249 A	High Tensile	25. Vanadium Micro-alloyed rails	High Tensile
6. API X 52, 60 grade plates for pipes	High Tensile	26. 32 mm Rock bolt TMT bars in Fe-550 grade	High Tensile
7. Cu-P weather resistant plates	Corrosion resistant	27. Earth quake resistant wire rods in Fe-415 grade	High Tensile
8. Cu-Mo corrosion resistant Rail for coastal regions	Corrosion resistant	28. Naval Grade plates in DMR 249-B with high Nickel content	High Tensile
9. Low C-High P/micro alloyed structurals.	Corrosion resistant	29. Fire resistant plates with chromium and molybdenum	Fire resistant
10. ASTM 515, 516, Boiler quality plates	Boiler quality	30. SAILMA 550 HI plates	High Tensile
11. Angle 200 x 200 x 24 mm section in structural quality	High Tensile	31. 12 mm TMT Fe-500 Wire rods	High Tensile
12. High Tensile plates in ASTM A 572 Gr 50 Type-3 grade	High Tensile	32. 12 mm TMT HCR Fe-500 Wire rods	High Tensile & High corrosion resistant
13. TMT bars for rock bolt	High Tensile	33. 32 mm EQR TMT Fe-500 Rebars	Earthquake Resistant
14. TMT Fe 415 Rebar in 45 mm section	High Tensile	34. 32 mm and 40 mm EQR HCR TMT Fe-500 Rebars	High Tensile & High corrosion resistant
15. API X-70 line pipe sheets	High Tensile	35. Fe 500 TMT-28 EQR Rebars	Earthquake resistant
16. Fe 500 High Strength Corrosion resistant & earthquake resistant TMT wire rod in 12 mm section	Corrosion resistant	36. High Tensile E 410 grade Angle 50 with V and Cu	High Tensile
17. Corrosion resistant Cr Rails	Corrosion resistant	37. Cu-Ni-Cr Corrosion resistant Rails	Corrosion Resistant
18. SAIL-FRS fire resistant quality steel in 10, 12, 20 mm thick plates	Fire resistant	38. 85 mm SAILMA 350 HI Plates	High Tensile
19. Long Rail panels in length up to 260 M for Indian Railways		39. Trial heat for HT 750 PLATES	High Tensile
20. High Corrosion Resistant and High Strength plates in 10khSND grade.	Corrosion resistant	40. EN 10028 P 275 NL I quality 35 mm BQ plates	Boiler quality





## New Products Developed in 2008-09:

- i. High Corrosion Resistant & Earthquake Resistant Fe-500 TMT Rebar in 40 mm:
- ii. Rockbolt TMT Fe600 in 32mm:
- iii. 12mm Earthquake Resistant TMT Wire Rods in Fe-500 grade:
- iv. 36mm Earthquake Resistant TMT Rebar in Fe-500 grade:
- v. Cr-V alloyed 110 UTS Rail
- vi. Ultra-High strength SAILMA 600 Plates:
- vii. Low-C, Cu-bearing Structural Steel Plate for Corrosion Resistant Application:
- viii. Thicker Plates (60mm) with ultra low temperature impact toughness at minus 50°C in High Tensile BSEN 10025 S355 NL grade:
- ix. High Tensile Weather Resistant Plates in IRS M-41 (SAILCOR) grade for Indian Railways in 8 & 10mm:.
- x. High Tensile SBQ quality plates in NV E36 grade:
- xi. Cr-Mo alloyed IS 1570 Grade 53mm Round Bar:
- xii. Thicker plates (115mm) in Structural quality with guaranteed Ultrasonic soundness

### Special Quality & value added products as % of saleable steel : 2006-07:36.8%, 2007-08: 49.01% 2008-09: 63.35%

A competent technical team visits the customer premises to address the problem related to BSP products with the changing customer needs where new requirements emerge regularly. The leadership has established a simple and powerful policy to create a robust product development process meeting the newer and anticipated requirements of customers. The policy is one new product every month. The thrust of the top management is evident from the performance results in the area of New product development. The total no of new products developed was 11, 12, 12 in 2006-07, 2007-08 & 2008-09 respectively.

## The principal success factors

**Culture-** A unique Bhilai culture nurtured by leadership at different time horizons is the key to performance excellence at Bhilai. The culture is characterized by commitment, pursuit of excellence, openness, flexibility, respect for knowledge, setting and achieving challenging targets and innovations. Highest return on capital employed among all steel plants in the country, two decades of consistent profitability, contributing approximately 50% of SAIL profit (PBT), three decades of industrial peace, over 5 million tree plantations, excelling in national and international QC competitions, winning prestigious awards and recognitions are some of the manifestations of Bhilai Culture.

**Differentiated Products-** BSP has been continuously improving its existing products and developing new products. It develops around 12 products every year. This has resulted in product features commanding premium in the market especially regarding Rails, Plates and TMT bars and rods. The product portfolio is being further strengthened in the ongoing implementation of Corporate Plan 2012.

## Partnerships

Partnership relations with different organizations across the value chain are formed based on mutual benefits and long term goals. In the area of procurement BSP has MOU arrangements with some of the leading PSU organizations i.e. oil PSUs, BHEL and HEC. BSP's partnership with Manganese Ore India Limited (MOIL) for sourcing Manganese Ore has been converted into JV partnership for producing Ferro Manganese at Bhilai. BSP has nurtured the local ancillary industry by providing various kinds of support to them which has resulted in a mutually beneficial relationship between BSP and ancillary units and getting stronger with time.

The partnership with NTPC in the area of power generation is being further widened. A number of partnership arrangements have been created in diverse areas i.e. utilization of slag, coal sourcing, assessment of reserves and quality of available ore, production of Ferro-alloys, etc.



Being the sole supplier of Rails to Indian Railways, BSP has been upgrading the Rails through partnership and collaboration to meet the demand of rail transport. Significant resources and efforts have been put in to improve the rail quality in a continuous manner. Presently Rails up to 260 meter are being dispatched having least amount of detrimental hydrogen.

## Performance Improvement System

BSP sets challenging targets and achieves improved performance through involvement of people facilitated by Communication, Suggestion Scheme, QC movement, Training, Recognition and Reward, Technology, easy access to IT systems and Structured Reviews at different levels.

Modern business tools have been deployed to further enhance the effectiveness of the improvement approach. ISO 9001:2000 Quality Management System (QMS) has been deployed in manufacturing units along with the associated service departments including Personnel and Finance. Six Sigma tool has been deployed widely with the help of M/s BMG India. BSP KM portal is a source of utilization of existing knowledge in different areas. BSP has institutionalized the practice of intense participation in prestigious award models designed for organizational excellence obtaining valuable inputs in turn leading to improvements.



## Approach to organizational learning and knowledge sharing

KM portal is used to capture and disseminate employees' experiences and knowledge across cross-functional areas. Shop specific forums like Traffic Junction are platforms for weekly knowledge sharing. Knowledge sharing among different steel plants are carried out through annual knowledge sharing forums viz. Expert Committee meetings and Operating Committee meetings. BSP supports many professional bodies aimed at improving organisational knowledge. Employees are sent to seminars, workshops and other learning events to improve individual learning.

## Strategic Challenges

BSP is an ore-based plant and its reserves have depleted considerably and mining is constrained with respect to quality and iron content. Developing the new Rowghat Mines in the shortest possible time is thus crucial to BSP's growth strategy. Coal is another serious concern for BSP. Coking coal prices in world has witnessed unprecedented fluctuations and constraints on supply side. Joint venture /SPV have been formed for long-term tie-up / investment in coal mining to ensure uninterrupted coal supplies both from foreign and domestic sources.

Implementation of Modernization and Expansion in line with CP-12 directions is a challenge being addressed presently with planned strategies. Human Resource issues are critical in achieving long-term goal set by the Company.

BSP has faced many challenges in the past successfully through the power of collective response. The prevailing global meltdown has been negotiated successfully through a series of strategies viz. restructuring product portfolio, cost reduction, undertaking major repairs and maintenance activities and stepped up training. The performance despite recessionary forces is on track.





## Awards, Recognition & Certifications in last three years.



SN	Name of Award or Rating or Certification	Name of Awarding / Rating / Certifying Organisation	Year	Relates to Dimension(s)*
1	CII-ITC Sustainability Prize	CII-ITC Centre for Excellence & Sustainable Development	2008	Eco, Env, Soc
2	CII-ITC Sustainability prize	-do-	2007	Eco, Env, Soc
3	CII-ITC Sustainability Prize	-do-	2006	Eco, Env, Soc
4	Golden Peacock Climate Change Award	World Environment Foundation	2008	Env
5	Golden Peacock Environment Management Award	World Environment Foundation	2007	Env
6	Golden Peacock CSR Award	Institute of Directors	2008	Soc
7	Golden Peacock CSR Award	Institute of Directors	2007	Soc
8	Greentech Gold Safety Award	Greentech Foundation	2008	Safety & Health(Soc)
9	Greentech Platinum award for Environment Excellence	Greentech Foundation	2008	Env
10	Greentech Gold award for Environment Excellence	Greentech Foundation	2007	Env
11	Corporate Green Responsibility Award	Exnora International	2007	Env
13	Rajiv Gandhi National Quality Award	Bureau of Indian Standards	2006	Quality
14	Golden Peacock Ecoinnovation Award	World Environment Foundation	2006	Env
15	Golden Peacock Quality Award	Institute of Directors	2006	Quality
16	Golden Peacock HRD award	Institute of Directors	2006	HR (Soc)
17	Greentech Gold award for Environment Excellence	Greentech Foundation	2006	Env
18	Greentech Gold Safety Award Excellence	Greentech Foundation	2008	Safety & Health(Soc)
19	Energy conservation Award	Ministry of Energy	2006	Energy
20	OHSAS 18001:1999	DNV	2006	Health & Safety
21	SA 8000:2001	DNV	2006	Social Accountability
22	IS/ISO 9001:2008	LRQA	2009	Quality
23	IS/ISO 14001:2004 ( Plant) (Recertified)	Bureau of Indian Standards	2008	Env
24	IS/ISO 14001:2004 (Township)	LRQA	2006	Env

