



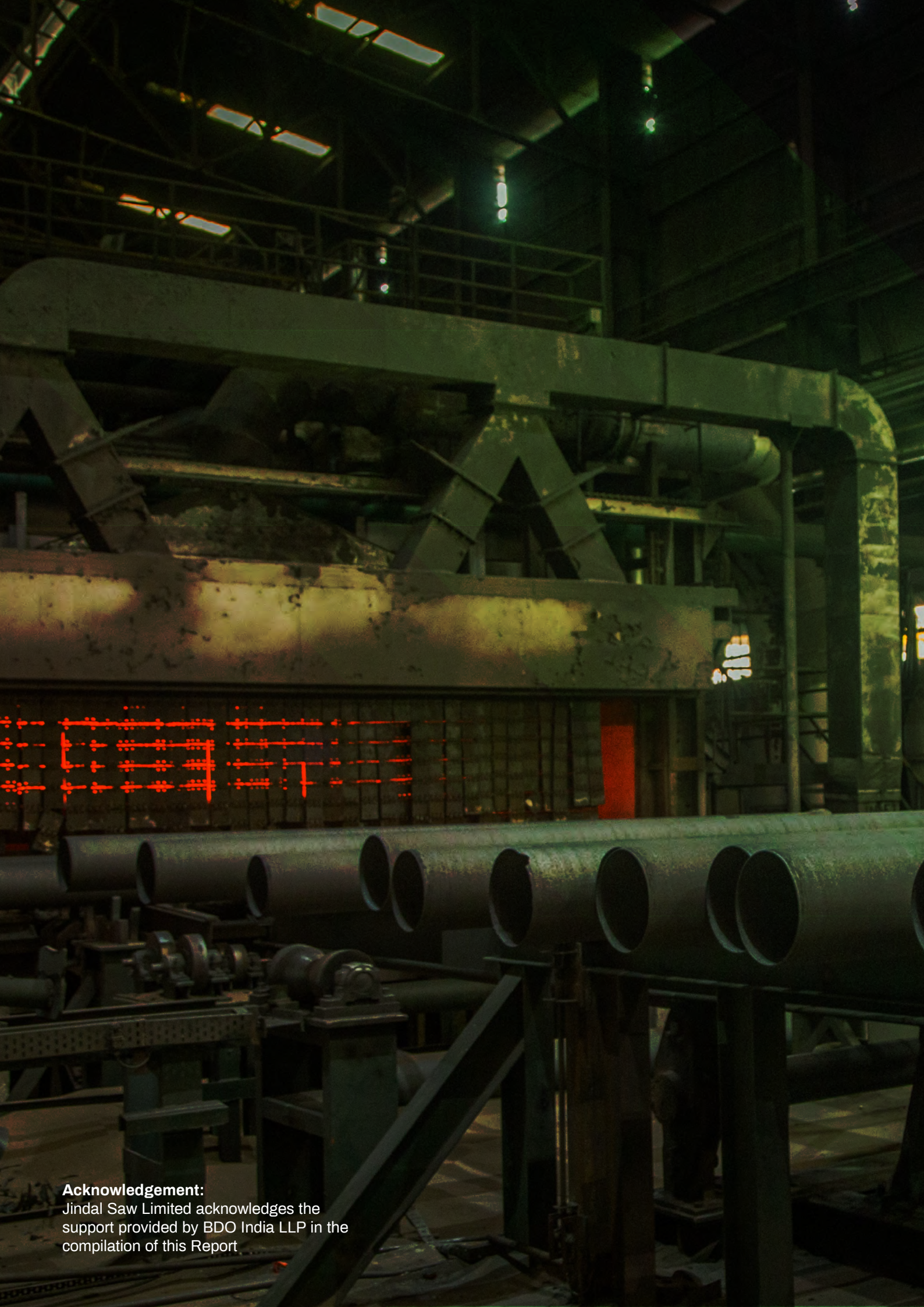
FLOURISHING THROUGH RESILIENCE

Business Responsibility

REPORT 2021-22



JINDAL SAW LTD.
TOTAL PIPE SOLUTIONS



Acknowledgement:

Jindal Saw Limited acknowledges the support provided by BDO India LLP in the compilation of this Report

Table of Contents

List of Abbreviations	04
Message from Chief Executive Officer & Whole-Time Director	06
Message from Company Secretary and Leader, Business Responsibility	07
Jindal Saw Limited's Highlights for 2021-22	09
Flourishing Through Resilience, Every Year	11
Our Contribution towards Sustainable Development Goals	12
Section A: General Information about the Company	15
Section B: Financial Details of the Company	16
Section C: Other Details	16
Section D: BR Information	16
Section E: Principle-wise Performance	19
Principle 1: Business Ethics, Transparency & Accountability	19
Principle 2: Product Responsibility	21
Principle 3: Employee Wellbeing	27
Principle 4: Stakeholder Engagement	29
Principle 5: Human Rights	31
Principle 6: Environment	32
Principle 7: Advocacy & Public Policy	36
Principle 8: Inclusive Growth & Equitable Development	37
Principle 9: Customer Engagement	41
The Road Ahead	42

List of Abbreviations

AEI	Access Exchange International
AKM	Accessible Kenya Mission
APGA	Australian Pipelines & Gas Association
ASI	Archaeological Survey of India
ASSOCHAM	Associated Chambers of Commerce and Industry of India
BRR	Business Responsibility Report
CEO	Chief Executive Officer
CII	Confederation of Indian Industry
CMS	Carbon Molecular Sieve (CMS)
CPCB	Central Pollution Control Board
Cr.	Crore(s)
CSR	Corporate Social Responsibility
dB(A)	A-weighted decibels
DGMS	Directorate General of Mine Safety
ECI	Election Commission of India
EHS	Employee Health and Safety
ESI	Employees' State Insurance
ESP	Electro-Static Precipitator
GGBF	Geo Green Bio Filters
GSS	Grid Sub Station
HR	Human Resource
ICCI	Indian Chamber of Commerce & Industry
IIT	Indian Institute of Technology
ILO	International Labour Organization
IMS	Integrated Management System
INR	Indian Rupee
IPLOCA	International Pipe Line & Offshore Contractors Association
ISO	International Organisation for Standardisation
KLD	Kilolitres Per Day
LED	Light Emitting Diode
MJSA	Mukhyamantri Jal Swavlamban Abhiyan
MoU	Memorandum of Understanding
MLD	Millions of Litres per Day
MW	Mega Watt
NVGs	National Voluntary Guidelines
OHSAS	Occupational Health and Safety Assessment Series
PHDCCI	PHD Chamber of Commerce and Industry
RPCB	Rajasthan Pollution Control Board
SBR	Sequential Batch Reactor
SDGs	Sustainable Development Goals
SEBI	Securities and Exchange Board of India
SPA	School of Planning and Architecture
SPCB	State Pollution Control Board
STP	Sewage Treatment Plant
WCI	Workmen's Compensation Insurance
WHS	World Heritage Site
ZMS	Zeolite Molecular Sieve





Message from Group Chief Executive Officer & Whole-Time Director



Neeraj Kumar

Dear Stakeholders,

I would like to extend deep gratitude to you for your support as we share the 6th Business Responsibility Report for Jindal Saw Limited. Like every year, we stay committed to disclose our environmental and social performance as per SEBI (Listing Obligations and Disclosure Requirements) Regulation, 2015 under Regulation 34(2)(f) for top 1,000 companies by market capitalization. The COVID-19 pandemic has impacted the lives and livelihood of people across the world and created a challenging environment for industry. Despite this, we have doubled our efforts to the vision of creating business value with world-leading capabilities and contributing to the creation of a sustainable society.

Hence, we focus on initiatives towards driving improvements in communities by promoting community efforts in containing COVID-19, education, rural development, women empowerment, and initiatives towards making public infrastructure accessible and inclusive to people with reduced mobility. We place immense impetus on conservation of natural resources and improving operational efficiencies, as the key enablers to optimize the environmental footprint of the organization. We focus on building resilience within our business and amongst our stakeholders. Our activities and their environmental and social impacts are monitored to ensure value creation for our stakeholders.

We are advancing initiatives for the Sustainable Development Goals (SDGs) adopted by the United Nations, and we are pleased to share that we have made steady progress in all the three pillars of sustainability, as we continue to leverage the incorporation of sustainability within our values and core business agenda towards building a business underpinned in the principle of resilient and responsible growth.

I would like to offer my immense gratitude to all our stakeholders for placing their trust and support in us in these difficult times and I am elated to share the glimpses of our sustainability journey for FY 2021-2022 as I look forward to your continued support as we take the journey of building a stronger business while contributing towards a greener planet.

Thanking You,

Neeraj Kumar

Group Chief Executive Officer & Whole-time Director

Message from Company Secretary and Leader, Business Responsibility



Sunil K Jain

Dear Stakeholders,

It is my privilege to disclose our corporate responsibility policies, initiatives, and performance, through our 6th Business Responsibility Report. We remain committed to conducting operations in a fair and transparent manner and approach business with utmost integrity and accountability.

The COVID-19 pandemic has led to increased geo-political volatility and disruptions in economic functioning and accelerated climate risks. Vulnerable populations are likely to suffer disproportionately, hence, the pandemic has underscored the need to develop strategies towards mitigating climate risks and undertake steps to stay ahead of the curve. While a post COVID-19 recovery is expected to restore some balance in the economic sphere, it is essential to conduct business in a manner that aims towards environmental sustainability and improvements in resilience among workers and communities.

We strive towards a virtuous cycle of growth and returns for our stakeholders through principles of accountability and transparency, innovation, and Integrating principles of sustainability in our business practices. Our robust corporate governance and stewardship towards socio-environmental factors has enabled us in developing inclusive strategies for livelihood, community and the environment. While we understand that our activities impact the communities in which we operate, and thus, we strive to undertake measures to foster strong relationships with communities and to prevent them from being adversely affected from our activities.

As we continue to position ourselves to leverage opportunities while investing in improvements in our human capital, we strive to be leaders in this new chapter of conducting business responsibly. While the journey towards sustainability is arduous, filled with challenges, we take great pride in charting our course towards a greener planet. I would like to express deep gratitude to thank all our employees, their families, and our stakeholders for their continuous support and faith in us. We look forward to your feedback and suggestions, as we forge ahead on green recovery supported by the pillars of our sustainability.

Yours sincerely,

Sunil K Jain

Company Secretary and Leader, Business Responsibility



Jindal Saw Limited's Highlights for 2021-22

92.6%

customer
satisfaction level
achieved by JSAW



7.1%

Reduction in overall
specific power
consumption.



JINDAL SAW LTD.
TOTAL PIPE SOLUTIONS

Over

8000

employees trained
including both permanent
and contract employees



INR

16.99 Cr

Spent
on CSR initiatives





Flourishing Through Resilience, Every Year

Jindal Saw Limited (JSAW) embarked upon its journey in 1984, under the able leadership of Shri P. R. Jindal, and has been flourishing year on year since its inception. JSAW commenced its operations with a single product and a single plant location. However, today, JSAW is the undisputed leader in the pipe market and is the global manufacturer and supplier of Iron & Steel pipe products, fittings and accessories with manufacturing facilities in India, USA and in the Middle-East. The mission of our organization is to match the expectation of our customers through product development, quality manufacturing and supply chain management. We have developed a robust system that supports customers all over the world.

Our philosophy hinges upon the principle of 'Sustainable Value Creation' and we have operated with this ideal as our guiding force since the inception of our first manufacturing plant in Kosi Kala, Uttar Pradesh, India. The growth of the organization has been supported by its commitment to environmental protection, social responsibility, employee well-being, customer centricity, and a solid focus on quality and innovation. Our manufacturing facilities are designed to reduce environmental impact and improve resource efficiency while complying with a variety of environmental and social regulations. JSAW has laid emphasis on all aspects of sustainability and has integrated the "triple bottom line" principle in the pursuit of an overall strategy. This approach has allowed us to continually increase intangible assets in the form of natural and social capital while fostering human capital.

We continue to emphasize the importance of integrity and reliability in our actions and thus we ensure that every aspect of our financial, environmental, and social performance is disclosed to the stakeholders. We leverage formal

and informal means of communication to disclose our environmental and social performance. In addition to this, we use SEBI's mandated Business Responsibility Report (BRR), as a tool to communicate achievements and progress on non-financial parameters. We have been doing this since the mandate started in 2015 and support the reporting requirements to exemplify our initiatives towards nurturing value.

Over the past three decades, JSAW has taken definitive steps towards building value and resilience:

- Achieved a rating of Basel II, along with a sound credit profile while establishing a USD 1 billion conglomerate.
- Since inception in 1984 as a single product manufacturer, diversified product and business portfolio to spread plant locations across India, USA and the Middle East.
- Devised novel and ground-breaking products and solutions.
- Created enablers for people with reduced mobility in the country as well as for local communities and supported community health, especially during COVID-19, by provision of oxygen and medical supplies across various locations.
- Undertook several sustainable initiatives across all locations such as raw material conservation through magnetite iron ore production, heat recovery plant, installation of solar and LED lighting, extensive green belt development, and various other initiatives.
- Implemented various social initiatives in the communities we operate in such as sewage treatment of Bhilwara town, development of housing & medical centers around our manufacturing facilities, maintenance of parks and green belt, etc.

Continuing our journey on Sustainable Development

Our Contribution Towards Sustainable Development Goals

Business Responsibility Report

The Road Ahead



Our Contribution towards Sustainable Development Goals

We have committed to the 2030 agenda for achieving the UN Sustainable Development Goals (SDGs or the 'Global Goals') by aligning our business and CSR activities and strategies to meet these targets.

3 GOOD HEALTH AND WELL-BEING

- Installation of oxygen plant and provision of medical supplies to support the communities during the COVID-19 pandemic
- Sports promotion towards health and well-being

4 QUALITY EDUCATION

- Donation and provision of supplies to support education initiatives

6 CLEAN WATER AND SANITATION

- Community initiatives to improve water availability and sanitation
- Initiatives towards rainwater harvesting to make villages self-reliant even during periods of drought

7 AFFORDABLE AND CLEAN ENERGY

- Installation of Waste Heat Recovery power plant towards improvement of energy efficiency



11 SUSTAINABLE CITIES AND COMMUNITIES



- Distribution and provision of supplies towards infrastructural support
- Disaster Relief

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



- Animal welfare initiatives

13 CLIMATE ACTION



- Improvement of air quality through maintenance of air pollution control measures

15 LIFE ON LAND



- Afforestation and continued maintenance of green belt
- Conservation of natural resources



Business Responsibility Report

Section A: General Information about the Company

1.	Corporate Identity Number (CIN) of the Company	L27104UP1984PLC023979
2.	Name of the Company	Jindal Saw Limited
3.	Corporate address	A-1, UPSIDC Industrial Area, Nandgaon Road, Kosi Kalan, Mathura – 281403, Uttar Pradesh, India Jindal Centre, 12, Bhikaiji Cama Place, New Delhi-110066
4.	Website	www.jindalsaw.com
5.	E-mail id	investors@jindalsaw.com
6.	Financial Year reported	1 st April, 2021 to 31 st March, 2022
7.	Sector(s) that the Company is engaged in (industrial activity code-wise)	<ul style="list-style-type: none"> • Manufacture and supply of tubes and tube fittings of basic iron and steel (Code 24106 of National Industrial Classification 2008, Government of India) • Mining of Iron ore, beneficiation, and pellet production (Code 07100 of National Industrial Classification 2008, Government of India)
8.	List key products/services that the Company manufactures/provides (as in balance sheet)	<ul style="list-style-type: none"> • Saw Pipes (LSAW/HSAW) • DI Pipes and fittings • Seamless Pipes • Pellets
9.	Total number of locations where business activity is undertaken by the Company	
	a. Number of International Locations	<ul style="list-style-type: none"> • Abu Dhabi, UAE • Baytown, Texas, USA • Minneapolis, Minnesota, USA
	b. Number of National Locations	<ul style="list-style-type: none"> • New Delhi • Bellary, Karnataka • Bhilwara, Rajasthan • Nagothane, Raigad, Maharashtra • Indore, Madhya Pradesh • Kosi Kalan, Uttar Pradesh • Nashik, Maharashtra • Nanakapaya, Mundra, Gujarat • Pragpar, Mundra, Gujarat • Samaghogha, Mundra, Gujarat • Pithampur, Madhya Pradesh • Temburni, Solapur, Maharashtra
10.	Markets served by the Company – Local/State/ National/International	Pan India & Global

Section B: Financial Details of the Company

1.	Paid up Capital	INR 63.95 Crores
2.	Total Turnover	INR 11,022.27 Crores
3.	Total profit after taxes	INR 405.5 Crores
4.	Total Spending on Corporate Social Responsibility (CSR) as percentage of profit after tax (%)	INR 16.69 Crores (4.19%)
5.	List of activities in which expenditure in 4 above has been incurred	<ul style="list-style-type: none"> • Undertaking initiatives to improve water availability and quality such as pond deepening work, rainwater harvesting, and installation of RO plant for water availability • Animal welfare initiatives such as establishment of gaushala • Disaster relief, healthcare, and sanitation initiatives including those undertaken for combating COVID-19 pandemic such as installation of oxygen plants and provision of medical supplies • Promoting education, donation, and provision of supplies to support education and sports initiatives • Installation of Waste Heat Recovery power plant towards improvement of energy efficiency • Rural development initiatives towards improving public infrastructure

Section C: Other Details

1.	Does the Company have any Subsidiary Company/ Companies?	<p>Yes, as of March 31st, 2022, the Company has 25 subsidiary companies, 1 associate and 1 Joint venture.</p> <ol style="list-style-type: none"> 1. Jindal ITF Limited 2. IUP Jindal Metals & Alloys Limited 3. S.V. Trading Limited 4. Quality Iron and Steel Limited 5. Ralael Holdings Limited 6. Jindal Saw Holdings FZE 7. Greenray Holdings Limited 8. Jindal Tubular (India) Ltd. 9. Jindal Quality Tubular Limited 10. JTF Shipyards Limited 11. Jindal Intellicom Limited 12. iCom Analytics Limited 13. Jindal X LLC 14. Jindal Saw Gulf L.L.C. 15. Jindal Saw USA LLC 16. World Transload & Logistics LLC 17. 5101 Boone LLP 18. Tube Technologies INC 19. Jindal Saw Middle East FZC 20. Derwent Sand SARL 21. Helical Anchors INC 22. Boone Real Property Holding LLC 23. Drill Pipe International LLC 24. Sulog Transshipment Services Limited 25. Jindal Hunting Energy Services Limited 26. Jindal Fittings Ltd. 27. Jindal MMG
----	--	--

2.	Do the Subsidiary Company/Companies participate in the BR Initiatives of the parent company? If yes, then indicate the number of such subsidiary company(s)	Subsidiary companies located in India are covered by the policies of JSAW and the subsidiaries located overseas are covered by JSAW's policies like employee well-being and responsibility but for environment, product responsibility, etc., they align themselves to the applicable law of the land.
3.	Do any other entity/entities (e.g. suppliers, distributors, etc.) that the Company does business with, participate in the BR initiatives of the Company? If yes, then indicate the percentage of such entity/entities? [Less than 30%, 30-60%, More than 60%]	JSAW works very closely with its suppliers, distributors, agents, etc. and is working towards extending business responsibility.

Section D: BR Information

1. Details of Director/Directors responsible for BR
 - a. Details of the Director/ Director responsible for implementation of the BR policy/ policies

DIN No.	: 01776688
Name	: Shri Neeraj Kumar
Designation	: Group CEO and Whole-time Director
 - b. Details of the BR head

DIN No.	: NA
Name	: Shri Sunil K Jain
Designation	: Company Secretary
Telephone No.	: +91-11-4146 2220
Email id	: sunil.jain@jindalsaw.com

2. Principle-wise (as per NVGs) BR Policy/policies

a. Details of compliance

Table 1 Principle wise BR Policies

S.No.	Questions	P1	P2	P3	P4	P5	P6	P7	P8	P9
1.	Do you have a policy/policies for...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Has the policy being formulated in consultation with the relevant stakeholders?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Does the policy conform to any national / international standards? If yes, specify?	Policies have been formulated giving keeping in mind the industry and the environment in which the company operates. The policies have been benchmarked against those of leading Indian corporates.								
4.	Has the policy being approved by the Board? If yes, has it been signed by MD/ owner/CEO/appropriate Board Director?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Does the company have a specified committee of the Board/ Director/Official to oversee the implementation of the policy?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Indicate the link for the policy to be viewed online?	P1: http://www.jindalsaw.com/pdf/Policy-Code-of-Conduct.pdf P2: IMS Policy is on intranet displayed at all sites P3: HR Policy is available online on the intranet P4: http://www.jindalsaw.com/policies.php ; https://www.jindalsaw.com/pdf/Familiarization-Programme-of-Independent-Directors-of-Jindal-Saw-Limited.pdf P5: Human Rights forms a part of HR policies P6: http://www.jindalsaw.com/pdf/ehs-policy.pdf P7: Is part of the HR Policy P8: http://www.jindalsaw.com/pdf/Jindal-SAW-CSR-Policy.pdf P9: Customer responsibility is covered under the Company's Quality Policy								

7.	Has the policy been formally communicated to all relevant internal and external stakeholders?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8.	Does the company have in-house structure to implement the policy/policies?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Does the Company have a grievance redressal mechanism related to the policy/policies to address stakeholders' grievances related to the policy/policies?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Has the company carried out independent audit/evaluation of the working of this policy by an internal or external agency?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

b. If answer to the question at (a) against any principle, is 'No', please explain why:

S.No.		P1	P2	P3	P4	P5	P6	P7	P8	P9
1.	The company has not understood the principles					NA				
2.	The company is not at a stage where it finds itself in a position to formulate and implement the policies on specified principles					NA				
3.	The company does not have financial or manpower resources available for the task					NA				
4.	It is planned to be done within next 6 months					NA				
5.	It is planned to be done within the next 1 year					NA				
6.	Any other reason (please specify)					NA				

3. Governance related to BR

a.	Indicate the frequency with which the Board of Directors, Committee of the Board or CEO to assess the BR performance of the Company. Within 3 months, 3-6 months, Annually, More than 1 year	We publish the Business Responsibility Report (BRR) on an annual basis. This present BRR for FY 2021-2022, is JSAW's sixth report. The efficacy of governance process is reviewed once in annually.
b.	Does the Company publish a BR or a Sustainability Report? What is the hyperlink for viewing this report? How frequently it is published?	The company has not yet opted for publication of sustainability report. We intend to expand our scope of reporting over the coming years. JSAW has been publishing annual BR Report since FY2016-17. The reports can be viewed at: FY2016-17: http://www.jindalsaw.com/pdf/brr-report-final.pdf FY2017-18: http://www.jindalsaw.com/pdf/JindalSAW_Final-web-single-page.pdf FY2018-19: http://www.jindalsaw.com/pdf/JindalSAW-2019_Final-web.pdf FY2019-20: https://www.jindalsaw.com/pdf/Business-Responsibility-Report-2019-20.pdf FY 2020-21: https://www.jindalsaw.com/pdf/BRR-2020-21.pdf

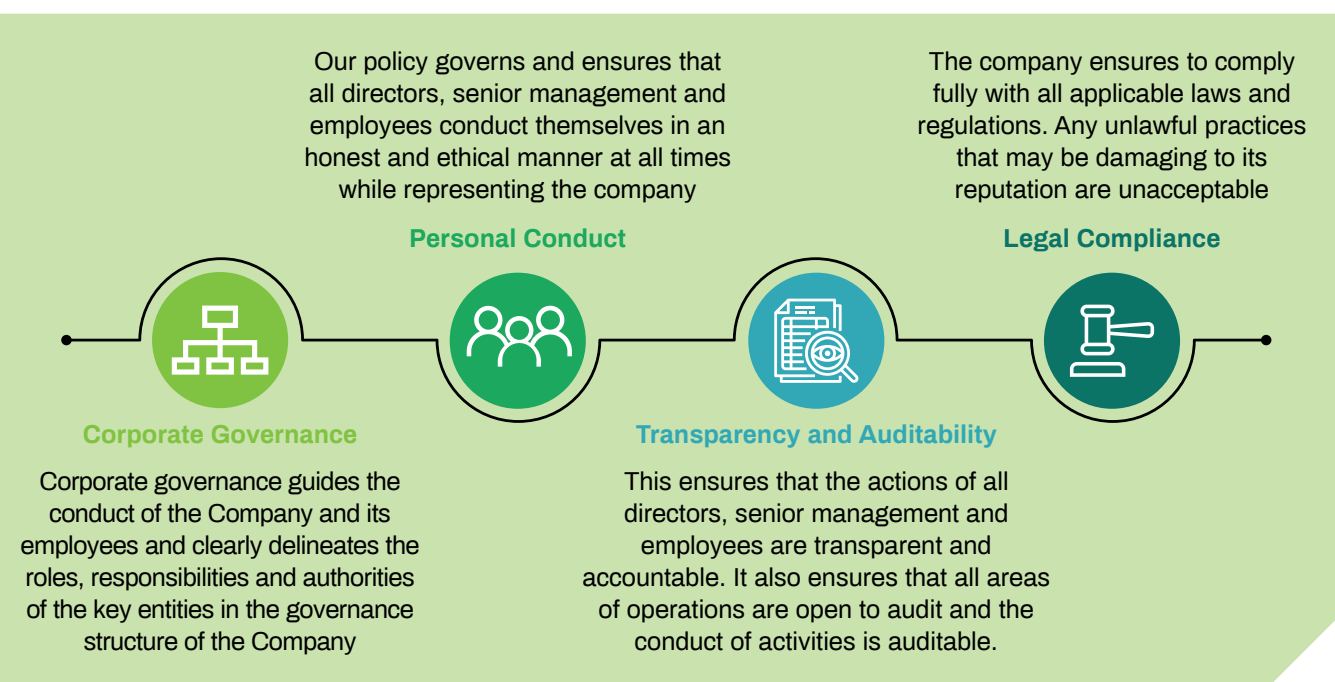
Section E: Principle-wise Performance

Principle 1: Business Ethics, Transparency & Accountability

Businesses should conduct and govern themselves with Ethics, Transparency and Accountability

JSAW is committed to conduct business in accordance with the highest ethical standards and transparency operating under the Company's Code of Conduct. Our Code of Conduct Policy is the moral guide behind our responsible and resilient business practices.

Key Principles Of JSAW's Code of Conduct Policy



Does the policy relating to ethics, bribery and corruption cover only the Company?
The Code of Conduct Policy portrays all the legal and ethical principles guiding the work at JSAW and is binding on all employees of the Company including the senior management and Directors.

Does it extend to the Group/Joint Ventures/ Suppliers / Contractors / NGOs / Others?
The Code of Conduct Policy embodies JSAW's fundamental principles and expectations in terms of accountable conduct to not only employees but also to its upstream and downstream partners. The governance mechanisms in place are applicable to more than 50% of JSAW's contractors and suppliers. The code of conduct is also covered in all contractual agreements that are signed with the Company's suppliers and contractors.

How many stakeholder complaints have been received in the past financial year and what percentage was satisfactorily resolved by the management? If so, provide details thereof, in about 50 words or so
This policy extends across the entire supply chain of JSAW. Our subsidiaries and joint venture companies have transparency, ethics, and accountability policies of their own in place.

How many stakeholder complaints have been received in the past financial year and what percentage was satisfactorily resolved by the management? If so, provide details thereof, in about 50 words or so
JSAW has also instated a 'Whistle Blower Policy' to address issues, concerns and complaints related to ethical misconduct. 'Further, we also have in place a 'Vigil Mechanism' to provide safeguards to those who raise genuine concern.
However, in the last five years, no complaint has been received through the various company channels regarding ethical misconduct.



Principle 2: Product Responsibility

Businesses should provide goods and services that are safe and contribute to sustainability throughout their life cycle

The linear economy model has adverse effects on the environment and poses threats to the ecosystem. There is a global rise in adoption of the circular economy model owing to the gross environmental damage and harm to human health caused by the business-as-usual model. JSAW is on its journey towards a system that is equitable, and nature-positive while ensuring improvement in human lives, by building an approach towards adopting a circular economy.

We have adhered to all essential requirements for sustainable production and consumption of products and related activities and processes and have integrated critical material lifecycles and circular economy measures into product procurement, manufacturing, and end-of-life of our products.

Our sustainability policy emphasizes the optimal use of resources such as energy, water and raw materials for all products and ensures that the manufacturing process is in harmony with the environment and fulfills our social responsibilities. We are also relentlessly working to create a safe and healthy work environment and we aim to empower our employees to make sustainable business decisions. We respect all our employees, and value their potential and contribution regardless of race, ethnicity, gender, national origin, religion, gender identity, sexual orientation, age and different abilities.

The Integrated Management System (IMS) Policy ensures assurance to our customers that all JSAW products meet all applicable statutory regulations and voluntary codes. We strive to maintain 100% compliance to the necessary environment, social and quality management systems and our mills and labs follow national and international standards such as API 5L, API Q1, OHSAS 18001, ISO 9001, ISO/TS 29001, IS 3589, IS 5504, and ISO 14001; and follow specifications such as data privacy standards IS/ISO/IEC 27001.

List up to 3 of your products or services whose design has incorporated social or environmental concerns, risks and/or opportunities

We at JSAW aim to provide total pipe solutions, while ensuring that we incessantly optimize our operations and conserve natural resources across the entire production and supply chain. We believe in inculcating measures of sustainability at the design process stage to create products of high durability and quality. We encourage using alternative raw materials, recycling of waste generated and internal process optimization. For instance, we use state-of-the-art techniques such as internal and external anti-corrosion coatings and connector casings, to prevent rusting and damage to the pipes. Further, we also utilize the method of hot pulled induction bends to develop the pipes so as to reduce the stress and damage at the bends of the pipes, which may be especially vulnerable to deformations, so as to ensure high resilience of the product.

Further, our ductile iron pipes comply with standards such as ISO 2531, ISO 7186, BSEN 545, BSEN 598, AS/NZS 2280:2014 and utilize zinc coatings externally to prevent corrosion along with epoxy linings to prevent contamination. The internal coating utilizes cement lining OPC/BFSC/SRC/HAC, FBE to develop a smooth finish to prevent tuberculation and accumulation of corrosion products.

Further, our ductile iron pipes comply with standards such as ISO 2531, ISO 7186, BSEN 545, BSEN 598, AS/NZS 2280:2014 and utilize zinc coatings externally to prevent corrosion along with epoxy linings to prevent contamination. The internal coating utilizes cement lining OPC/BFSC/SRC/HAC, FBE to develop a smooth finish to prevent tuberculation and accumulation of corrosion products.

Our pelletization process has been innovated and is based on Grate-Kiln technology to increase its mechanical properties, and to prevent fragmentation. Further, we use compounds such as bentonite in our binding process to improve properties such as drop strength, compressive strength, and thermal stability. Moreover, we have taken measures to reduce resource use, such as energy, coal and power consumption, by innovating our pellet production process, which utilizes magnetite ore concentrate. Further, we have modified the beneficiation process to optimize energy and pump ratings by altering the process circuit.

Hence, resource efficiency has been our prime focus to increase product durability and reduce wastage and environmental impact.

For each such product, provide the following details in respect of resource use (energy, water, raw material etc.) per unit of product(optional):

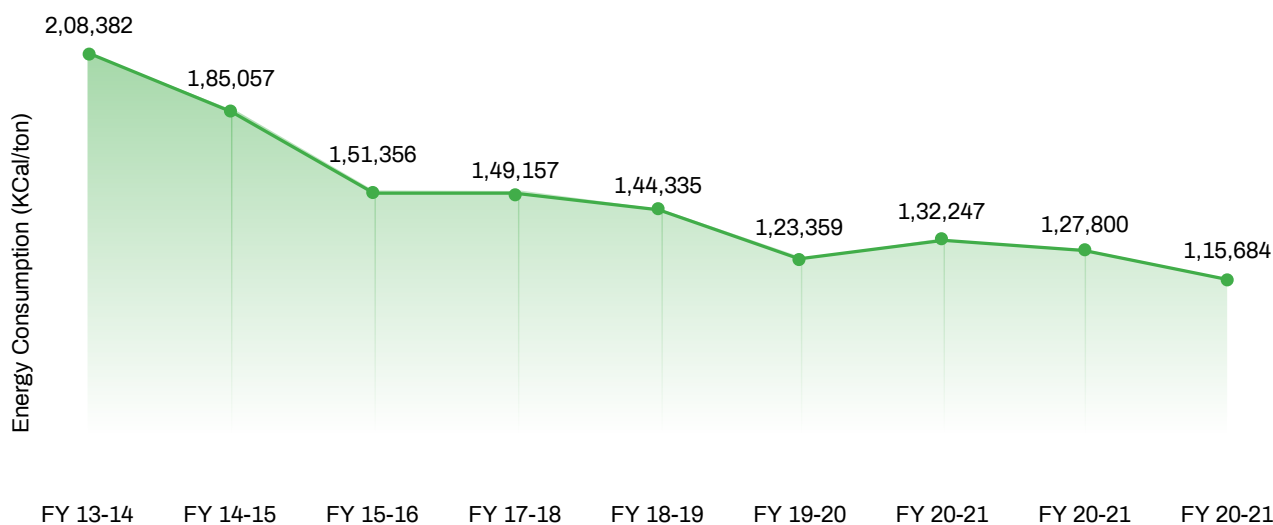
- a) Reduction during sourcing/production/distribution achieved since the previous year throughout the value chain?
- b) Reduction during usage by consumers (energy, water) has been achieved since the previous year?

We are dedicated to keeping an efficient production system throughout our operations. This helps us in reducing the consumption of raw materials while also contributing to energy and water conservation. Being an energy and resource intensive industry, every process optimization initiative takes us one step closer to being an environmentally responsible organization. Increasing the efficiency of our processes also helps us in staying competitive, standing out as industry leaders, and setting benchmarks for our peers.

1. Pellet Production using Magnetite Ore Concentrate

At our Bhilwara plant, our technology is focused on incorporating energy efficiency into the process of pellet production. At this plant, the iron ore (Run of Mine/ROM) is being upgraded from 20%-40% Iron content to 65%-67% iron concentrate by magnetic separation. This magnetite concentrate is being utilized for the manufacturing of iron ore pellets, making this the first pellet plant in North India based on captive iron ore mines and the only operating plant in India based on magnetite iron ore concentrate. The pellets thus produced have superior quality and less resource intensive. For instance, since energy consumption is lower by 40% when utilizing magnetite ore as compared to hematite ore, the carbon dioxide emissions are also 40% lower in the former, and 80% lower than the sintering process. Further, energy consumption per ton of pellet production has been reduced continuously by proper selection of coal blend, optimum utilization of coal, burner efficiency, consistency and stability in operations, higher production rate, and high plant availability.

Parameter	Pellet production through hematite ore	Pellet production at Bhilwara plant through magnetite ore
Energy Consumption (Kcal/ton)	3,00,000	Reduced by up to 40% ~180,000
		This is due to the exothermic nature of the magnetite oxidation, wherein about 40% of energy is supplied through internal reactions.



* During FY 19-20, pellet plant had taken capital repair shutdown, which has resulted in marginal increase in Energy consumption. During FY 20-21, the pellet plant was shut down due to the imposed lockdown in April and was having fewer breakdowns. Despite higher production in 2020-21, we have been able to reduce resource consumption, as described below.

Parameter	Consumption in 2020-21	Consumption in 2021-22
Coal Consumption (kg/ton of pellet)	16.3	Reduction to 15.3
Power Consumption (kWh/ton of pellet)	28.2	Reduction to 26.9

2. Modifications to the beneficiation process towards resource optimization
The process circuit has been modified to optimize energy consumption and pump ratings. This has been achieved through the following steps:
 - a. Conversion of ball mills from Overflow Type Mill to Grate Discharge with Pulp Lifters: This was carried out in January-2021, and reduced the grinding power by 5kWh/MT feed.

Conversion of Ball Mills from "Overflow type" to "Grate Discharge with Pulp Lifters"

Power Consumption
In FY 2021-22, reduction of grinding specific power by 9.5% and overall specific power by 7.1%

Annual Savings
Annual Savings of 2.26 Crores INR in power cost (FY 2021-22)

- b. Replacement of steel liner: Rod mill 2 manganese steel liner was replaced with Hi-Chrome liner, this increased the life of liner by three times. Further, this saves approximately 26 days of shutdown over a cycle of 3 years.
 - c. Modification of the slurry feed line in tailing thickener: The size of the feed pipe was increased from 900mm to 1100 mm. This, along, with the introduction of the common feed box to slurries of both plants A & B, enabled in the reduction of flocculent dosage (approximately 20%), saving 9.1 MT/Yr polymer, contributing to savings of INR 18.15 Lakhs/year.
 - d. Development of filter cloth for FLS automatic filter press: Decrease in consumption of filter cloth, with an increased life from 2400 cycles/set to 3000 cycles/set. This resulted in financial savings of INR 80 lakhs/year.
 - e. Redesigning of cleaner: Previously, we had been utilizing the Bearing UCX17 unit, which would last for one year, however, we modified the recleaner bearing and its housing to increase equipment reliability and decrease maintenance costs. After the modification, the spherical roller bearing has a life of 2.5+ years and it is currently in operation. This modification has saved approximately INR 1.67 Lakhs/year.
 - f. Modifications to the fabricated fins: Installation of fabricated fins for dewatering pump agitators in plant B from Hardox plate scrap which has increased the fin life from 3 months to 15 months, also saving INR 3.86 Lakhs/year.
3. Utilization of alternative iron bearing materials for pellet production to increase the sustainability of our own iron ore mines reserve

Various alternative Iron-bearing materials are being outsourced on a regular basis. These materials replace about 30% of the iron bearing materials feed to the pellet plant. We are also utilizing waste from other plants such as mill scale, etc. The dust collected from the Electrostatic Precipitator & Multi-Cyclone at flue gas discharge and fines generated during pellet making are also recycled back for making pellets. Utilization of these materials for pellet making is improving the sustainability of our existing mining reserves without adversely affecting the quality of pellet.

Does the company have procedures in place for sustainable sourcing? If yes, what % of your inputs was sourced sustainably? Also, provide details.

JSAW believes that sustainable sourcing interventions reflect the capacity and capabilities of a particular industry, applicable national and international legislation, appropriate vendor selection and evaluation, and sourcing risk. Whenever applicable and feasible, environmental and social sustainability requirements are added to bidding documents by reference to national and regional international standards or equivalents. JSAW has developed a process for selecting and evaluating sustainable RM suppliers in procurement functions.

Has the company taken any steps to procure goods and services from local & small producers, including communities surrounding their place of work? If yes, what steps have been taken to improve their capacity and capability of local and small vendors?

Most of the raw materials have to be sourced from mines or large companies, however, JSAW takes tremendous measures to procure RM and other goods from local vendors based on its requirement.

To enhance the capacity and capability of local vendors, JSAW has also evaluated the equipment, resources, growth strategy, with stringent quality control.

Does the company have a mechanism to recycle products and waste? If yes, what is the percentage of recycling of products and waste (separately as <5%, 5-10%, >10%)? Also, provide details thereof, in about 50 words or so.

JSAW acknowledges the importance of circular economy to reduce environmental impact and is focuses on recycling products and wastes resolutely. The waste generated by JSAW was well within the permissible limits given by Central Pollution Control Board/State Pollution Control Board (CPCB/SPCB) for the financial year being reported. During the reporting period, all the waste generated has been disposed through authorized vendors approved by SPCB. For instance, used oil generated from machineries/equipment is sent to authorize recycler approved by Rajasthan Pollution Control Board and CPCB at the Bhilwara plant. The empty barrels are also re-used to store oils and the remaining are sent to authorized recycler.

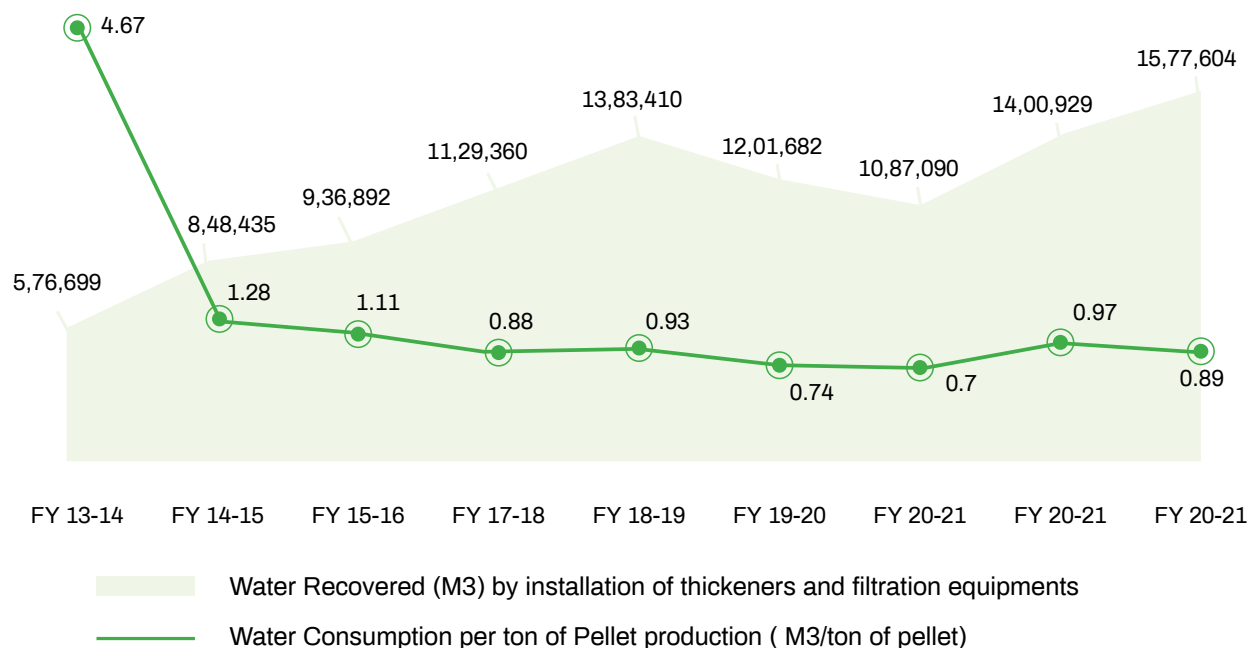
Water Conservation and Recycling

JSAW also takes numerous measures towards water conservation. Sewage Treatment Plant (STP) of 10 million Liters/Day (MLD) is being operated at the Bhilwara plant. This STP is treating the Sewage of Bhilwara city through Cyclic Activated Sludge (C-Tech) & Sequential Batch Reactor (SBR) technology. This treated water is fully utilized for operations such as mining, mineral beneficiations, pellet process, cooling, dust suppression, horticulture / plantation, etc. in JSAW plant located near Village Pur, at Bhilwara.

Water contained in tailing and concentrate during beneficiation of ore is being recovered with the help of thickeners, ceramic disc filters & advanced filter press technologies and is being reused in the plant processes. There is zero discharge of effluent from the Mining Lease area and the Plant. Through these measures, recycling of water and recovery is increased.

Further, domestic wastewater generated from office toilets is being treated in In-house STP through Geo Green Bio-filter (GGBF) technology and treated water is used for plantation. This technology surpasses conventional technologies and has lower energy requirements. Furthermore, rainwater harvesting/ground water recharge structure has been installed in mining, beneficiation and pellet plant area for preservation and recharge of ground water.

Decrease in water consumption and increase in water recovery



* During 2017-18, pellet plant had taken capital repair shutdown, which has resulted in marginal increase (0.05m3/ton of pellet) in water consumption.

**During FY 20-21, pellet plant was stopped for over a month due to the lockdown and there were frequent shutdowns in pellet plant and beneficiation plant & emptying of thickeners in beneficiation plant which resulted in increase in water consumption.

Pellet Process

Further, we utilize alternative iron-bearing materials to replace ~30% of the iron bearing materials feed to the pellet plant. We are also utilizing waste from other plants such as mill scale, etc. The dust collected from the Electrostatic Precipitator & Multi-Cyclone at flue gas discharge and fines generated during pellet making are also recycled to manufacture pellets.

By Products like ESP dust, Pellet Fines is being 100% recycled.

JSAW Bhilwara is continuously making efforts to conserve the natural resources as well as environment by adopting clean and green technology in the process.

Management of solid and hazardous waste

To ensure minimum waste generation, we take measures to recycle wastes from beneficiation unit, wherein a portion of tailing is recycled to recover the iron the remaining is used to recover the present minerals. In addition, oil from pellet production and oil from machinery and equipment is sent to an authorized recycler approved by SPCB / CPCB. Some of the oil is reused for material handling of chains, stackers, and conveyors and for lubrication of product handling. Empty-contaminated drums are reused to store oil produced in plant equipment. The remaining barrels are recycled/reused by a registered recycler.



Principle 3: Employee Wellbeing

Businesses should promote the wellbeing of all employees

At JSAW, we believe that the strength of our organization lies in our employees. We place continuous emphasis on promotion of diversity, and inclusion, as we step into creating a company and brand where our employees feel valued, proud, and fulfilled. We invest in employee welfare and our work culture ensures safety, health, competency enhancement and overall well-being of our people. We safeguard the rights of our employees to fair treatment and equal opportunities through well-established policies with subsequent stringent implementation. In compliance with the Universal Declaration of Human Rights and other norms, we at JSAW, aim to respect the individuality of our employees and JSAW is an equal employment opportunity company and is committed of creating a healthy, safe and secure work environment that enables employees to work without fear of prejudice, gender bias and sexual harassment, and no employee may be disadvantaged based on nationality, ethnicity, religion, ideology, gender, age, disability, etc. Sexual harassment of any form is not tolerated.

We are compliant with Prevention of Sexual Harassment Act, 2011 and has formed an 'Internal Complaints Committee' with five members, a senior level woman employee nominated as a Presiding Officer, a Human Resource (HR) representative, a female representative, a legal representative and one member from a non-governmental organization (NGO). At least half or more than half committee members shall be women. female employees as members, one male employee as a member an external male consulting member.

We do not condone any practices engaging in child labour, forced labour or involuntary labour and are in compliance with all labour laws. All employees, whether permanent or contractual can get in touch through a designated point-of-contact and a unique e-mail ID to report any grievances. Occupational health and safety and providing a safe and secure working environment is a top priority for us.

As a company, we focus on fostering the culture of ownership in organizational structure and value the time and effort they invest in building a flourishing business. Thus, we promote creative problem solving and innovation among employees to foster an environment of excellence and awarding merit. We also place emphasis on the mental health and well-being of our employees and thus we inculcate recreation, sports, and cultural events at various units. We promote involvement of employees and their families at organized events and festivals periodically, to bring a sense of camaraderie and common identity as we celebrate together as a Company. We also provide employee benefits such as marriage gifts, health check-ups, competency development scheme, and personal accident insurance .

Please indicate the Total number of employees	As on 31st March 2022, JSAW had 14,855 employees including permanent and contractual, working for the Company.
Please indicate the Total number of employees hired on temporary / contractual / casual basis.	As of 31st March, 2022 we have 6,385 contractual employees.
Please indicate the Number of permanent women employees	JSAW provides equal opportunities and does not discriminate against employees on the basis of gender, caste, creed, religion, etc., and encourages diversity in its work force. The total number of permanent female employees at JSAW is 50 as of 31st March 2022.
Please indicate the Number of permanent employees with disabilities	JSAW aims to build an inclusive workforce and is committed to include disabled individuals and people with special needs as part of its workforce. The total number of employees with disabilities at JSAW is 61 as of 31st March 2022.
Do you have an employee association that is recognized by management?	JSAW does not have any Labor Unions or Employee associations.

What percentage of your permanent employees is members of this recognized employee association?

N/A

Please indicate the Number of complaints relating to child labour, forced labour, involuntary labour, and sexual harassment in the last financial year and pending, as on the end of the financial year.

JSAW has robust systems and stringent processes to ensure the code of conduct is rigorously followed and implemented. The leadership serve as role models and reinforce principles of ethics and integrity to ensure no instances of misconduct are tolerated. This ensures that there are no instances of wrongful conduct. For the reporting period, there have been no complaints relating to child labour, forced labour, involuntary labour, or sexual harassment.

At JSAW we believe that the organization will flourish only through the progress of our employees. Hence, we lay emphasis in building a work environment to attract, recruit, and retain talented employees and invest in improving and strengthening their skillset. We conduct safety and capacity building trainings (functional trainings) to enhance employee capacity and advance their career aspirations through various functional training programmes. Through these targeted human resource interventions, we enable career development by providing access to necessary learning opportunities, on an equal and non-discriminatory basis.

What percentage of your under mentioned employees were given safety & skill up-gradation training in the last year?

- a) Permanent Employees
- b) Permanent Women Employees
- c) Casual / Temporary / Contractual Employees
- d) Employees with Disabilities

Safety trainings are mandatory at JSAW for all employees while skill upgradation is done through functional trainings for all permanent and contractual employees. For FY 2021-22, safety and skill enhancement trainings were provided to the following category of employees:

Employee Category	Safety Trainings	Functional Trainings
Permanent Employees		
Trainings for permanent employees	5,120	3,110
Trainings for Female employees	47	40
Trainings for employees with disabilities	31	31
Contractual Employees		
Trainings for contractual employees	6,385	1,607
Trainings for employees with disabilities	7	3



Principle 4: Stakeholder Engagement

Businesses should respect the interests of, and be responsive towards all stakeholders, especially those who are disadvantaged, vulnerable and marginalized.

At JSAW, we believe that safeguarding the interests of our internal and external stakeholders are pivotal to our long-term flourishing growth. Fostering meaningful relationships with our stakeholders and engaging with them on a periodic basis helps us address their concerns and incorporate their inputs and valuable feedback into our business processes. This allows us to fulfill our vision for an inclusive organization and work towards mutual development.

Managing stakeholder expectations effectively helps us identify opportunities and mitigate future risks such as financial loss, business reputation risks, supply chain disruptions and non-compliance that can hinder our growth. Continuous communication with our stakeholders helps to address critical issues such as socio-economic development and the environment, and we endeavor to engage all relevant stakeholders with specific emphasis to stakeholders from disadvantaged communities, vulnerable and marginalized groups.

In order to deliver on stakeholder needs, expectations, and interests, we have formulated the Stakeholders Relationship Committee as a means to reach out to all stakeholders to make appropriate disclosures, to effectively protect and safeguard their interests. This committee specifically addresses complaints and concerns of stakeholders including, but not limited to, transfer of shares, non-receipt of dividends, issue of duplicate shares, etc. JSAW also has specific provisions for investors who have fixed deposits with the Company to address all their queries and attend to all their grievances.

Has the company mapped its internal and external stakeholders? Yes/No

We have identified the following group of major internal and external stakeholders:

- Investors
- Regulatory Authorities
- Local Administrative Authorities
- Creditors
- Employees
- Customers
- Vendors and suppliers
- Community

Out of the above, has the company identified the disadvantaged, vulnerable & marginalized stakeholders?

We strive to engage and uplift the socio-economically disadvantaged sections of society by improving their livelihood and we conduct periodic deliberations to promote and protect their concerns and interests. We recognize communities having people such as those who are impoverished, have reduced mobility/ disabilities, senior citizens, and pregnant women as our prime stakeholders. We are working towards socio-economic development of vulnerable communities near manufacturing facilities.

Are there any special initiatives taken by the company to engage with the disadvantaged, vulnerable and marginalized stakeholders? If so, provide details thereof, in about 50 words or so.

Svayam: Towards improving accessibility

JSAW, under Sminu Jindal Charitable Trust has initiated a movement towards providing independence and dignity to people with reduced mobility through 'Svayam'. This initiative aims to engage policy makers, government agencies, and businesses toward policy shifts, awareness, and infrastructural improvements towards increasing accessibility and restoration of the dignity of people with reduced mobility. Svayam's pursuit is to promote accessibility by way of undertaking audits, identifying problem areas, developing strategies, and facilitating actionable measures as per global best practices. Through policy advocacy, sensitization workshops, training and awareness programmes, along with carrying out initiatives to formulate policy guidelines, Svayam aims to break infrastructural and psychological barriers to create independence and dignity of life for people living with reduced mobility.

Our mission towards shaping an inclusive society has already started to gain recognition and revolutionize the behavior of the masses with more and more people joining the movement.

Combatting COVID-19: Towards improving health resilience of communities

COVID-19 presented an unprecedented challenge to the health of populations and communities, and thus, in order to fulfill the oxygen demand, JSAW at the Bhilwara plant extended its contribution voluntarily by converting its 600 Nm³ per hour capacity Nitrogen plant based on PSA technology to Oxygen Plant having capacity of 150 Nm³/hr to produce medical grade Oxygen (min. 94% O₂ Concentration), which is equivalent to about 450 oxygen cylinders per day.

This plant had been relocated and installed at Mahatma Gandhi Hospital, Bhilwara after the requisite technical modifications, such as replacing Carbon Molecular Sieve (CMS) with Zeolite Molecular Sieve (ZMS) and the installation of oxygen analyzer, changes in control panel system, flow valves, etc.

The plant was operated by JSAW, and the oxygen produced in this plant was supplied through pipeline & automated control panel directly to the patient free of cost and on gratuitous basis. All the expenses were borne by JSAW for transfer, modification, and installation. This included shed, power transformer, LT cable, ACB etc., and expenses for operation of the plant including power cost in the hospital.

Further, oxygen plant has also been installed through the Kosi Kalan plant and one through Samagogha plant, and JSAW has provided oxygen cylinders, loading vehicle, ambulance, sanitizers and chemicals, antigen rapid test kits, thermal guns, nurses and support personnel along with other essentials through CSR activity .

Moreover, we have also provided 5.65 ton of firewood at Mundra Crematorium centre, repurposing the Horticulture waste.

Principle 5: Human Rights

Businesses should respect and promote human rights

We at JSAW are committed to safeguarding human rights across every aspect of our organization. Our commitment is reflected in the policies and practices of protecting human rights which are aligned with our mission and vision. We believe in investing in and developing our human capital and we actively seek to prevent and mitigate human rights issues in all our dealings across our operations. Our Human Rights Policy is based on the principles of the international human rights encompassed in the Universal Declaration of Human Rights, the International Labour Organization's (ILO) Declaration on Fundamental Principles and Rights at Work, the United Nations Guiding Principles on Business and Human Rights and the Constitution of India. We strive to increase awareness among our employees through sensitisation trainings. The trainings, in-house and external, focus on the enhancing knowledge, while nurturing leadership qualities in our people. To avoid any oversight by the management, employees are encouraged to report any violations through employee grievance mechanism and across our supply chain through supplier assessments. We ensure all grievances are addressed and resolved on high priority.

Does the policy of the company on human rights cover only the company or extend to the Group/ Joint Ventures /Suppliers /Contractors /NGOs / Others?

Our business operations span across multiple subsidiaries in India and internationally across vast geographical regions. Across all countries of operation, our human rights policies differ as per the law of the land and in each country the applicable labor laws are adhered to without exception. Hence, the subsidiaries of the organization have varying human rights policies, but follow a common belief in 'Human Capital'.

Our Human Rights Policy extends across all our subsidiaries operating within India. We are trying to extend our human rights policy across the entire value chain through our supplier engagement process.

Our agreements and contracts include a clause that requires business partners to abide by all local laws and regulations and in addition agree to the following broad clauses before commencement of work:

- Investors
- Regulatory Authorities
- Local Administrative Authorities
- Creditors
- Employees
- Customers
- Vendors and suppliers
- Community

How many stakeholder complaints have been received in the past financial year and what percentage was satisfactorily resolved by the management?

For the reporting year, we have not received any stakeholder complaints regarding any of the aforementioned laws such as those related to labor practices and human rights abuse.

Principle 6: Environment

Business should respect, protect, and make efforts to restore the environment

The environmental management at JSAW is driven through a robust Environment, Health & Safety Policy. The policy drives sustainable development through the establishment and implementation of environmental standards that are scientifically tested and meet the requirement of relevant law, regulation, and codes of practice. The Policy ensures that environment, health and safety is embedded in all planning and decision making of the organization. We are committed to using the most efficient means of production, minimizing waste generation and mitigating the negative impact on the environment.

The EHS Policy is supported by sustainable procedures and practices of the organization. The Company's management systems include environmental management with implementation of ISO 14001:2004, Occupational health and safety through implementation of OSHAS 18001:2007 and ISO 9001:2015 for quality management. The implementation of the systems and procedures related to environment management across all operations are ensured by the leadership.

Does the policy related to Principle 6 cover only the company or extends to the Group / Joint Ventures / Suppliers / Contractors / NGOs / etc.

The Company's policies related to environment, Health & Safety and Sustainability covers the Company, its subsidiaries, and joint ventures. The policies also cover suppliers and contractors through contractual agreements that are signed between JSAW and its suppliers.

Does the company have strategies/ initiatives to address global environmental issues such as climate change, global warming, etc.? Y/N. If yes, please give hyperlink for webpage etc.

The Company is committed to conduct all business operations to ensure that optimize resource use towards protecting the environment and ensuring employee health and safety. The Company addresses the global environmental issues through strategic actions and initiatives. The organization is also working steadily to reduce raw material consumption which has reduced from 998 kg/ton of product (FY 2017-18) to 984.9 (FY 2021-22). We have prioritized and invested heavily in reducing the environmental footprint across all our plants as well as in innovations that mitigate the effects of environmental impact in the following areas:

Energy Efficiency:

Improvements in energy efficiency and investments in clean technology is of prime importance to JSAW, especially as we are a resource intensive organization and thus take cognizance of the valuable contribution energy efficiency can make in achieving sustainable development goals.

Air Quality Management:

Maintaining optimum air quality levels is essential to ensure a healthy and safe working environment for local community and workforce and we strive to reduce the negative impact of our operations on the quality of air.

- **Prevention of production of fugitive dust:** To prevent emission of fugitive dust during material transportation, the iron ore concentrate is received in wet form.
- **Mitigation of fugitive dust emission:** Fugitive dust is a major source of emission owing to our mining operations. It is essential to prevent inhalation of this dust as it can contribute to respiratory illness and can harm human health. Hence, water is being sprayed on ore stacks to suppress the dust before handling. The mine has multiple tankers of varying capacities (12 KL-5 Nos., 13 KL-2 Nos., 14 KL-4 Nos. & 22 KL 01 Nos.) for the purposes of sprinkling water, which is being regularly sprinkled near the crusher zone; haul road loading and unloading point, etc. In the Crusher Unit Closed Conveyor belt, canon system and continuous water sprinkling system have been installed to control the fugitive dust emission. Routine maintenance of Water spray nozzle is being carried out by the Operations and Maintenance team. Further, the beneficiation plant is based upon the wet process;

raw material i.e., crushed magnetite iron ore is transferred through closed conveyor belt from Crusher Unit to beneficiation plant hoppers wherein mist water sprinkling system has been installed to control fugitive dust emission. Appropriate sealing, sucking and de-dusting measures such as bag filters are installed to control the fugitive dust.

- **Electrostatic precipitator (ESP):** ESP is used to control the emissions of particulate matter from the kiln at the Iron ore pellet plant. The hot air passing through the down draught drying zone is collected by the wind box exhaust fan located between ESP and the stack. Subsequently, clean air is exhausted to the atmosphere by 120 m tall stack. To stabilize the temperature of this air for optimum green pellet drying, ambient air is sucked in ahead of the up-draught drying fan through a bleed-in. The air is forced through the bed after which it is cleaned in an ESP, collected by the hood exhaust fan, and discharged into the atmosphere through the stack.
- **Pre-proportioning of production links:** The production links including pre-proportioning of coal powder, limestone, proportioning room, mixing room, grate-kiln machine, finished pellet stockyard and finished pellet bins generate some dust. Appropriate sealing, sucking and de-dusting measures (Bag Filters) are installed to control the fugitive dust.

Conserving Water Resource:

JSAW has established systems and processes to achieve 'zero effluent discharge' at its mining lease areas, including the beneficiation plant. In addition to this, the sites have implemented the following initiatives to improve water use efficiency and reduce negative impacts on water:

- Water is required to mix raw materials and make green balls with 9% moisture. The processes allow the entirety of this water content to evaporate, and no wastewater is discharged from the pellet plant.
- The water contained in tailing and concentrate is recovered with the help of thickener and advanced filter press technology. It is being reused in the mineral beneficiation process.
- The domestic wastewater generated at the office and the residential blocks of the mining site is treated at on-site Sewage Treatment Plant (15-20 KLD). The STPs are based on Geo Green Biofilters Bed (GGBF) technology which makes the treated water safe to be used for watering the plantation areas.
- The Company also operates an STP of 10 MLD in the Bhilwara site, Rajasthan. The STP is used for the treatment of water from the municipality, before being used in the manufacturing process.

Reducing Noise Pollution:

- The mining operations of the Company rely on blasting, which contributes to a large amount of noise pollution. The Company uses appropriate mitigation measures to control the noise level in the mine lease boundary and beneficiation plant area. The noise level at plant boundary is well within the permissible limits of 75 dB (A) during daytime and 70 dB (A) during nighttime. JSAW relies on controlled blasting, as approved by Directorate General of Mine Safety (DGMS) and Directorate of Explosive at the mine lease area, while a safe working environment is provided to the workers through safety and personal protective equipment and practices.
- The Iron ore pellet plant utilizes innovative solutions to control noise at the location. Vibration-damping cushion, shock absorber and silencers have been installed for keeping noise at plant at a criteria level of 75 dB(A) during daytime and 70 dB(A) during nighttime. The layout of the plant and greenbelt is designed to achieve the standard.

Solid Waste Management:

- The overburden at our mining site, consisting of calc silicate, calc schist and calc gneiss. This is stacked in a designated space as per condition given in mining plan. Some of this generated overburden, is utilized for road making and leveling of other depressed ground within the lease area as required.
- Tailing generated from the beneficiation unit, is recovered by the advanced filter press through thickener. This tailing consists of quartzites, calc silicates, hematite, magnetite, goethite, and limonite is stacked in dry cake form at designated places. Some portion of this is recycled to recover the iron, while the balance is recycled to recover the present minerals.
- The pellet plant at JSAW does not produce any solid waste, as the dust collected from the ESP & multi-cyclone of pellet plant and fines is recycled back for making pellets.

Hazardous Waste management:

- We take immense measures to ensure no waste that can be classified as being hazardous is produced during our operational processes. The only by-product is in the form of used oil from machineries and equipment, which is sent to an authorized recycler, approved by the SPCB/CPCB. Some part of the oil is re-used for the purpose of lubrication in chains, Stacker and conveyor for raw materials transportation and product transportation.
- The empty and contaminated drums are re-purposed for storing oil generated from plant equipment. The remaining drums are recycled/ reused by registered recyclers.
- The waste generated from maintenance housekeeping is the oil-soaked cotton waste. In our Bhilwara plant, this is being sent to an authorized incinerator: M/s Ramkey Enviro, Udaipur.

Green belt development:

- JSAW is committed to ensure Environmental Sustainability, Ecological balance, protection of Flora & Fauna, Animal Welfare, Agro-forestry, Conservation of Natural Resources & Maintaining Quality of Air, Water and Soil. JSAW supports and maintains all parks and drainage cleaning in Bhilwara by sponsoring the Municipal Council, Bhilwara .
- We have carried out more than 1,33,884 plantations of various species within and outside the premises until now. Apart from plantation, we also take care of watering, fencing, and using pesticides, etc. for their optimum growth .

Has the company undertaken any other initiatives on – clean technology, energy efficiency, renewable energy, etc. Y/N. If yes, please give hyperlink for web page etc.

We have undertaken various initiatives of diverse nature in order to leverage and incorporate clean energy and energy efficiency into our operations. As a result, the following energy efficiency initiatives are in place at the JSAW Bhilawara plant:

- Improvement of pellet production method (magnetite concentrate) and beneficiation process by altering the process circuit and pump ratings. This is achieved by investing in clean technology and shifting from overflow type mill to grate discharge with pulp lifters.
- Installation of on-grid 125 kW in December 2021, at STP resulting in savings of INR 14 Lakh/year saving with Green Energy generation up to 25 Years.
- The substation maintains a power factor of 0.99 ensuring almost no loss of power towards high efficiency and INR 2.89 Crores during FY 2021-22.
- Energy Saving measures such as by the installation of AC VVFD in BNF B Compressor (11%; saving of INR 4.71 Lakh) and modifications to the pellet compressor (17%; saving of INR 16.34 Lakh)
- Replacement of light fittings: 405 light fittings of 400 W with 200 W Light-Emitting Diode (LED), 156 light fittings of 250 W with 90-100 W LED, 313 light fittings 70 W with 40 W and timer & Light sensors provided in High mast, streetlight & plant lighting area; leading to an approximate savings of INR 29.50 Lakhs.
- Installation of solar light and energy: Solar lights have been installed on haul road site and our mine weigh bridges are running on solar energy.

Does the company identify and assess potential environmental risks? Y/N

Identifying environmental risks is an important part of an organization's risk management framework. The company implements dynamic environment and safety management systems in all plants. Evolving systems provide important information for identifying and assessing potential environmental, health, and safety risks. ISO14001 and OHSAS18001 are also used to identify and monitor risk at the organizational level.

Does the company have any project related to Clean Development Mechanism? If so, provide details thereof, in about 50 words or so. Also, if Yes, whether any environmental compliance report is filed?

The Company has leveraged on mechanisms for Clean Development for increasing energy efficiency. In the previous years, at our Samagogha plant, we have installed a waste heat recovery plant to enable efficient utilization of resources. We have continued to reap its benefits throughout the reporting period, and we will continue to do so for the upcoming years. However, the organization does not claim any carbon credits under the intervention.

Are the Emissions/Waste generated by the company within the permissible limits given by CPCB/SPCB for the financial year being reported?

The Company has stringent internal controls for ensuring compliance to all guidelines and standards set by CPCB / SPCBs. The Company aims at surpassing the minimum standards at every manufacturing stage. Investment in innovative solutions that can support in reducing the environmental footprint of the organization are given a priority. We also release environment monitoring reports that are approved by the Ministry of Environment and Forest, Government of India as Environmental Laboratory.

Number of show cause/legal notices received from CPCB/SPCB which are pending (i.e., not resolved to satisfaction) as on end of FY.

The Company has not received any legal notice or show cause from any authority including CPCB or SPCB in the reporting period.



Principle 7: Advocacy & Public Policy

Businesses, when engaged in influencing public and regulatory policy, should do so in a responsible manner

At JSAW, we strive to further enhance the sustainability agenda amongst industries and other stakeholders through our thought leadership and policy advocacy. We believe that to sustain a successful business, it is crucial to engage with the government and regulatory bodies for all matters that concern the sectors we operate in. We do so while staying true to our core values of transparency, integrity, and responsible stakeholder management. Our public policies authorize a select few personnel from the Company to represent JSAW in such dialogues with external stakeholders. We maintain complete transparency during such discussions and ensure that no undue influence is put on the authorities in order to obtain a favorable decision.

Is your company a member of any trade and chamber or association?

JSAW, being a business leader and one of the largest organizations in the sector, actively participates in various industry and business associations. We are a member of the following industry bodies:

- International Pipe Line & Offshore Contractors Association (IPLOCA);
- Confederation of Indian Industry (CII);
- Australian Pipelines & Gas Association (APGA), Australia;
- Indian Chamber of Commerce & Industry (ICCI);
- Associated Chambers of Commerce and Industry of India (ASSOCHAM);
- PHD Chamber of Commerce and Industry (PHDCCI).

Have you advocated/lobbied through above associations for the advancement or improvement of public good? Yes/No; if yes specify the broad

To be a responsible corporate citizen, it is essential to support and advocate towards shaping future policies towards economic and social progress of all stakeholders. We aim to engage government and regulatory bodies towards achieving our responsibilities as a leader in the pipe manufacturing sector and participate in policy dialogue, to guarantee upliftment of our stakeholders. We seek opportunities to voice our opinion and utilize our resources to support policy formulation while advocating global best practices.

We have advocated and extensively engaged in policy dialogue for improving accessibility to places of public interest by people with reduced mobility through 'Svayam'. Some of our efforts and achievements include:

- Engaged with the Ministry of Urban Development, as a member of "Technical Advisory Committee" to harmonize multiple guidelines towards a barrier-free environment and promote inclusive tourism, while conducting access audits of Central Government buildings across India.
- Conducted sensitization workshops to maintain and develop tourist attraction sites, hotel owners, students, government officials such as Ministry of Tourism, Archeological Survey of India's (ASI) architects and engineers towards creating barrier-free facilities and inclusive tourism. These were done with business owners and also partnered with Census of India to generate awareness.
- Partnered with World Bank and Delhi Transport Corporation (DTC) to create awareness among drivers and conductors to attend to passengers with disabilities.

Principle 8: Inclusive Growth & Equitable Development

Businesses should support inclusive growth and equitable development

As a responsible organization, we are committed to enhancing relationships with our key stakeholders and creating a positive impact on the society through our corporate social responsibility (CSR) initiatives. Sustainability and social responsibility is deep rooted in our core values and embedded in our CSR policy, which aims to integrate responsibility towards planet earth in our business processes, with specific emphasis to ensure the health and safety of our employees, balancing economic growth while guaranteeing social benefits for the community.

Our CSR Policy has been formulated in a manner that safeguards the interest of all our stakeholders and is driven by our core value of inclusion. Approved by the board, our CSR Policy ensures that initiatives and their associated activities cater to the most vulnerable segments of the society such as women, children, the elderly and those with special needs. 'Svayam', our think tank established under the Sminu Jindal Charitable Trust is designated to carry out our CSR activities.

Our activities are focused but not limited to the areas of education, healthcare, sanitation, community welfare, skill development, employment generation, infrastructure development, mobility and transportation, promotion of national heritage and culture. In addition to this, we have a formal grievance redressal system to ensure that all stakeholder concerns are resolved in a responsible and timely manner.

Does the company have specific programmes / initiatives/ projects in pursuit of the policy related to Principle 8? If yes details thereof.

At Jindal SAW Limited, the principles of sustainability and responsible business undertaking are underpinned in aspects of Environment, Health and Safety, adoption of strategies towards addressing climate change and ensuring mitigation of environmental impact, while guaranteeing continual improvements in policies on diversity and governance. We have processes that warrant inclusion of stakeholder concerns in our business operations. One of our focus areas is to strengthen accessibility for the underprivileged and differently abled.

To achieve this vision, we undertake development programmes, initiatives, and opportunities towards advocacy through 'Svayam', a think-tank set up under the Sminu Jindal Charitable Trust. Svayam's deep commitment to shaping an inclusive society has made a visible impact, making way for independence and a life of dignity for people with reduced mobility. Svayam aims to ensure equitable access to public resources, services and infrastructure particularly, built environment, mobility, transportation, Information and communication technologies.

Over the two decades since its inception, Svayam has proved to be a pioneer when it comes to accessibility in public infrastructure through the following initiatives:

Campaigns against stigma on assistive devices: Svayam ran a campaign 'Use your Assistive Devices #withPride during September 2020 to December 2020 to encourage individuals to shed their inhibitions on the use of assistive devices.

Promotion of Accessible Transportation: Through donation of key infrastructure such as wheelchairs, partnerships with eminent organizations such as Access Exchange International (AEI), USA to develop World Bank's Transit Access Training Tool Kit on safe bus driving, drafting guidelines on civil aviation requirements for safe passage of persons with disabilities by air, sensitization workshops and audits to achieve accessibility, Svayam is committed to promote accessible transportation.

Accessible Heritage Sites: Svayam along with the Archaeological Survey of India (ASI) gave India its first accessible monument by making the World Heritage Site (WHS) Qutub Minar accessible for visitors with reduced mobility. The model was later replicated to make other sites accessible, including the Red Fort, Taj Mahal and Fatehpur Sikri Group of Monuments. This also allowed the visitor footfall to increase, leading to greater revenue through ticket purchases at these sites.

Answering nature's call with dignity : A three-year Accessible Family Toilet (AFT) project in 5 Indian states - Tamil Nadu, Karnataka, Maharashtra, UP & Odisha, was launched in partnership with Water.org. This project aims to build 1500 AFTs through microfinance partners and self-help groups.

Inclusion of voters with disabilities: Partnering with the Election Commission of India (ECI), Svayam aimed to make the General Election, 2019 to be inclusive. Through collaboration with NGOs, Svayam donated and facilitated the provision of adapted wheelchair accessible vans to ensure safe passage of voters to polling booths.

Educating future decision makers: Svayam has been promoting inclusive education and has held sensitization workshops with teachers on disabilities to aid in efforts to make educational institutions accessible. Svayam conducted an access audit of Sriram College of Commerce (a college of Delhi University) and donated a lift to the college to make it accessible in addition to advising them on the need and specifications of accessible toilet. Subsequently, we also conducted an access audit, followed by a review audit, of the campus at Ashoka University (Sonapat, Haryana). We also conducted access audit of OP Jindal Global University and Indian Institute of Technology (IIT) Techno Park to help them achieve accessibility for all. In March 2020 Svayam signed an exclusive Memorandum of Understanding with the School of Planning and Architecture (SPA), to initiate the inclusion of accessibility into its architectural curriculum. The study of accessibility is bound to expose and sensitize future architecture and planning professionals passing out of SPA, to the need for inclusivity and incorporating Universal Design. As a part of the Memorandum of Understanding, Svayam will also conduct an annual Faculty Development Programme for the teachers at SPA, and encourage research projects on Universal Design and different aspects of inclusive design.

Raising awareness overseas: In 2019, Svayam extended its reach internationally. It launched the Accessible Kenya Mission (AKM) in partnership with the Kenyan National Council for Persons with Disabilities. The AKM aims to draw a large section of Kenyan society to mainstream life and economic activities, by raising awareness and training. After giving Kenya its first fleet of Access Auditors in 2019, Svayam will again organize a virtual training of over 300 Kenyan government officials, who will be responsible to ensure that public infrastructure is accessible for all.

Advocacy and public policy: Through grievance redressal mechanisms at the Hon'ble Court of State Commissioner for Persons with Disabilities-Delhi, Svayam was able to move the Delhi Court to pass provisions to ensure accessibility in public places and religious places.

Svayam continues to firmly stride towards its vision of seamless mobility and access, to empower and enable everyone, with immense support from government agencies and relevant stakeholders.

Ghar-Ghar Aushadhi Yojana participation: Ghar-Ghar Aushadhi Yojana was launched by State Government of Rajasthan, and to support this initiative, JSAW Bhilwara had organized the flag-off ceremony programme. As a part of this event, Mr. D.P Jagawat (District Forest Officer, Bhilwara) shared his views on how medicinal plants in houses can enable health and immunity improvements. The objective of this event was to create awareness among JSAW employees and 2500 medicinal plant kits were distributed .

Sustainability in Post-Covid Environment: In order to delve deeper into achieving sustainability in the post COVID-world, we organized the “7th EXCEED Environment & CSR Award” and Conference on the Theme “Sustainability in Post-Covid Environment” through the digital mode.

What is your company's direct contribution to community development projects- Amount in INR and the details of the projects undertaken?

In FY2021-22, the Company has spent an amount of INR 16.99 Crores towards development initiatives across all plant and corporate level. This includes initiatives towards plantation drives, rainwater harvesting, provision of essential medical supplies and infrastructure, pond deepening activities, payment of teachers' remuneration, disaster relief, rural development, and conservation of natural resources.

Are the programmes / projects undertaken through in-house team/ own foundation/ external NGO/ government structures/ any other organization?

'Svayam', a thinktank created under Sminu Jindal Charitable Trust undertakes several programmes to implement JSAW's CSR activities towards people with reduced mobility. Svayam's mission of 'Dignity for people with reduced mobility' is realized through work towards improving accessibility and mobility for people with disabilities.

JSAW is also committed to support the O P Jindal Trust, under which, various educational institutes have been set up.

Have you done any impact assessment of your initiative?

The Company does not undertake impact assessment of its initiatives. However, the organization has supported various government initiatives and received recognition. For instance, JSAW Bhilwara has been contributing towards the 'Mukhyamantri Jal Swavlamban Abhiyan' (MJSA) to conserve and harvest rainwater to make villages self-reliant even during periods of drought. This support has been acknowledged and Bhamashah Award has been felicitated. Further, JSAW Bhilwara has been awarded Gold Award in “7th EXCEED Environment Award 2020” under “Environment Preservation” Category in Mining of Iron Ore and Manufacturing of Iron Ore Pellet Sector organized by “Sustainable Development Foundation” (a unit of EKDEN) supported by Ministry of Environment, Forest, and Climate Change. During this event, a virtual presentation on environment & energy management was delivered by the team of JSAW, Bhilwara to jury members Dr. P B Rastogi (Former-Advisor MoEF&CC) – Govt. of India, Mr. Rajiv Babbar (President- EKDKN (Sustainable Development Foundation), Mr. P J Michael (Former Director-MoEF&CC) and Mr. Niraj Setty (Former ED- Project Engineer India Limited) through the digital mode.

Live Webinar Conference & Award Presentation was organized by “Sustainable Development Foundation” in the august presence of Chief Guest Shri Prakash Javedkar (Hon'ble Minister of Environment, Forest and Climate Change- Govt. of India) and Shri Gautam Gambhir (Member of Parliament- Govt. of India). During the webinar, Gold Award on “Environment Preservation” was announced by Shri Prakash Javedkar for Jindal Saw Ltd. Bhilwara .

CSR initiatives by JSAW

To promote inclusive growth and equitable development, we continue to engage with the communities where we operate. We work actively in the space of water conservation, sanitation, hygiene, healthcare and access to food and hospitality for the people in need.

Mukhyamantri Jal Swavlamban Abhiyan (MJSA)

Depleting ground water resources, unpredictable rainfall season and prolonged drought periods have made water a precious and scarce resource in the state of Rajasthan. With a vision to find long-term solution for a water-sustainable Rajasthan, Ex-CM Vasundhara Raje announced her most ambitious scheme "Mukhyamantri Jal Swavlamban Abhiyan (MJSA) to conserve and harvest rainwater and make villages self-reliant during drought periods.



Mukhyamantri Jal Swavlamban Abhiyan (MJSA)



JSAW Bhilwara has been contributing in this scheme every year and is actively undertaking projects to ensure equitable water conservation and management. The project has improved rainwater harvesting practices in Bhilwara and has received recognition from the Mukhyamantri Jal Swavlamban Abhiyan (MJSA) and JSAW Bhilwara was felicitated with Bhamashah Award .



Swachh Bharat Abhiyan



Swachh Bharat Abhiyan

The Swachh Bharat Mission, launched in October 2014 is a national initiative aimed to improve sanitation and solid waste management in the nation. The programme includes elimination of open defecation, municipal solid waste management and encouraging healthy sanitation practices through behavioral change. JSAW has been an active participant in the SBA since wherein JSAW Bhilwara has actively contributed towards maintenance of MG Hospital, Bhilwara parks and drainage in the region. JSAW provides cleaning and maintenance services at MG Hospital, providing a clean and sanitary environment for Bhilwara's citizens.

Education, Rural Development, and promotion of cultural and sports activities at Bhilwara: JSAW Bhilwara has been making efforts to contributing towards development of school infrastructure and also covers the salaries of the teachers recruited to impart education in these schools, to make sure that the students get proper and continued access to education. Moreover, initiatives to promote rural development such as provision of cement pipes, JCB for pond cleaning for government initiatives such as Sujalam Sufalam Jal Sanchay Yojna, for construction of essential infrastructure.

Provision of essential medical infrastructure and supply: Installation of oxygen plants has been carried out at Kosi Kalan, Samagogha, and Bhilwara. Further, medical kits, sanitization chemicals, and materials such as thermal guns, honorarium to volunteers, medicines, etc., were also provided in addition to firewood to assist cremation. JSAW also provided financial support to the Covid care centre .

Principle 9: Customer Engagement

Businesses should engage with and provide value to their customers and consumers in a responsible manner

Customer satisfaction, loyalty and customer retention are vital for long-term success and expansion of our business. Our integrated Customer Engagement Policy places customers at the very centre of our business strategy and recognizes that our customers deserve products and services of the best quality that are compliant with all applicable national and international standards. We regularly engage with our customers and stakeholders through various channels to solicit their feedback and to understand their concerns and satisfaction.

We conduct customer satisfaction surveys every six months, and the results of the survey are shared with the concerned departments to evaluate and improve on the issues reported. We have well-defined internal processes in place to address our customer grievances. There are various channels through which complaints can be lodged; through social media or our specified contact details listed on the website. We have a well-developed portal to gather enquiry/feedback/grievance from customers, vendors, and others and All complaints are analyzed by a dedicated team depending on the nature of complaint and every effort is taken to resolve them expeditiously.

<p>Does the company display product information on the product label, over and above what is mandated as per local laws? Yes/No/N.A. /Remarks (additional information)</p>	<p>All products manufactured by us are compliant with the mandatory codes, specifications, industry regulations and statutory safety norms of the country. Our products are labelled with all necessary product information and detailed specifications in the information manuals and documents.</p>
<p>What percentage of customer complaints/ consumer cases are pending as on end of five years?</p>	<p>Being in the manufacturing industry, we have stringent quality control mechanisms and are compliant to all the necessary quality standards, which has always helped us in being market leaders in our sector, and industry benchmarks. Whenever a complaint is registered, we ensure that it is resolved and closed immediately. For the reporting year, we have received about 113 customer complaints related to our products and services, out of which 83 have been resolved and remaining are under scrutiny.</p>
<p>Did your company carry out any consumer survey/ consumer satisfaction trends?</p>	<p>A customer satisfaction survey is carried out every 6 months as part of our customer engagement Policy. The results of the survey are shared internally with the concerned departments to make improvements based on the corrective actions proposed as an outcome of the survey. For the current reporting year, our customer satisfaction score has been rated at 92.6%.</p>
<p>Is there any case filed by any stakeholder against the company regarding unfair trade practices, irresponsible advertising and/or anti-competitive behaviour during the last 5 years and pending as on end of financial year? If so, provide details thereof, in about 50 words or so.</p>	<p>For the reporting year of FY2021-22, Zero cases have been filed against the Company regarding unfair trade practices, irresponsible advertising and/or anti-competitive behavior during the last five years and hence there are no pending cases.</p>

The Road Ahead

We have been striving to incorporate the principles of sustainability into our business underpinned in the principles of Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) (Fourth Amendment) Regulations, 2015 framework as a guidance, and we envision to keep doing so every year in the future. As the Indian economy recovers from the impacts of the pandemic, it is essential to support policies and schemes such as Atmanirbhar Bharat, Invest India and CSR support programmes to build a better and socially conscious India. Leadership and stewardship towards reducing emissions, conserving natural resources, and creating social value and a culture of co-creation between society, stakeholders, and company leadership will define our sector's journey going onward. We aim to build resilience in our business practices and social community to identify and mitigate any impending risks and uncertainties. This Business Responsibility Report provides a snapshot of our efforts to incorporate sustainability during the reporting period, as we aim to create a virtuous cycle of growth and returns while investing in social and environmental wellbeing, as we strive to keep flourishing every year. We feel elated upon setting the standards in our industry segment through our work, and we are committed to do so in the coming years. We are committed to push our sustainability ambitions even further and aim to develop our employees and communities to be future-ready as we address any unprecedented challenges as one.



We solicit your feedback

How do you like this Report? What more would you like to see in our next Report? Would you have any specific suggestion to improve our disclosure?

Please share your feedback to:

Sunil K. Jain

Company Secretary and Leader, Business Responsibility

Email: sunil.jain@jindalsaw.com



Corporate Office: 12, Bhikaji Cama Place, New Delhi 110066
Phone: +91-11-2618 8345, www.jindalsaw.com