



KRR ENGINEERING PRIVATE LIMITED

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UNIT 3: 18/2A Poonamallee Bypass Road, Senneerkuppam, Chennai - 600056. Tamilnadu, India.

CORPORATE SUSTAINABILITY REPORT

(FOR THE YEAR APRIL 2024 – MARCH 2025)

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Managing Director's Message On Sustainability

At KRR, we believe that engineering excellence and sustainability are not mutually exclusive—they are intertwined. As a leading provider of design, manufacturing, and erection services for Pressure Vessels, Autoclaves, Heat Exchangers, Boiler Components, and related equipment across industries such as Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer, we recognize our responsibility to create long-term value for our stakeholders while minimizing our environmental footprint. Our commitment to ESG principles is embedded in every aspect of our operations. From adopting energy-efficient manufacturing processes to optimizing resource utilization and reducing emissions, we continuously strive to enhance operational sustainability. Employee safety, well-being, and empowerment remain central to our strategy, as we cultivate a workplace culture grounded in integrity, inclusivity, and respect. This report reflects our journey toward transparent and accountable business practices. It highlights the steps we have taken in environmental stewardship, social responsibility, and robust governance frameworks, alongside measurable outcomes. Initiatives such as sustainable material usage, waste reduction, water conservation, and periodic environmental compliance audits underscore our commitment to protecting the planet for future generations. Sustainability is a journey, not a destination. At KRR, we are dedicated to continually raising the bar—leveraging innovation, collaboration, and accountability to drive positive impact across our value chain. We remain committed to working closely with our partners, customers, employees, and communities to build a resilient, responsible, and sustainable future.

Managing Director

KRR Engineering Private Limited



ABOUT US



Founded in 1976, KRR Heavy Engineering has grown into one of India's most respected names in heavy engineering and precision equipment manufacturing. With nearly five decades of experience, we have earned a reputation for delivering reliable and innovative solutions across industries, including clean energy, defence, and deep technology.

Our expertise covers the design and fabrication of complex process equipment such as pressure vessels, heat exchangers, reactors, towers, bullets, and more. KRR has contributed to numerous industrial sectors with a focus on sustainability, operational excellence, and technical depth.

Through a strong vendor ecosystem and adherence to ISO 9001 and global standards, we cater to both domestic and export clients, ensuring timely delivery and uncompromised quality. Our technology-driven approach is reinforced by an agile mindset and a culture of Kaizen.

Innovation is embedded in everything we do. With dedicated efforts in R&D, we continuously push the boundaries of design, materials, and automation to stay aligned with evolving industry needs. As a strategic partner for sectors like aerospace, infrastructure, and energy, KRR remains committed to enabling a smarter and more sustainable industrial future.



BUSINESS VERTICALS



Heavy Engineering



Volume Tanks



Auto Claves



Dished End



Railways



Oxygen generators

DOCTRINE



Our Vision

To be more than an industry leader—to be a thought leader in heavy engineering, driving innovation in clean energy, deep tech, and sustainable industrial exports. We aim to contribute meaningfully to India's \$5-trillion GDP goal by 2027–28 through continuous improvement and exceptional value delivery.



Our Mission

- Deliver cutting-edge heavy engineering solutions powered by advanced technology and innovation.
- Support global clean energy goals through responsible design and manufacturing.
- Promote sustainability with solutions that offer long-term environmental and economic benefits.
- Consistently exceed expectations through quality and on-time execution.
- Foster a culture of trust, innovation, and continuous learning.



Our Values

- Innovation – Advancing through creativity and technology
- Clean Energy – Engineering a low-carbon future
- Sustainability – Building with long-term responsibility
- Challenge & Growth – Turning complexity into opportunity
- Quality & Timeliness – Delivering excellence, consistently
- Transparency – Operating with integrity and openness
- Commitment & Reliability – Keeping promises, earning trust

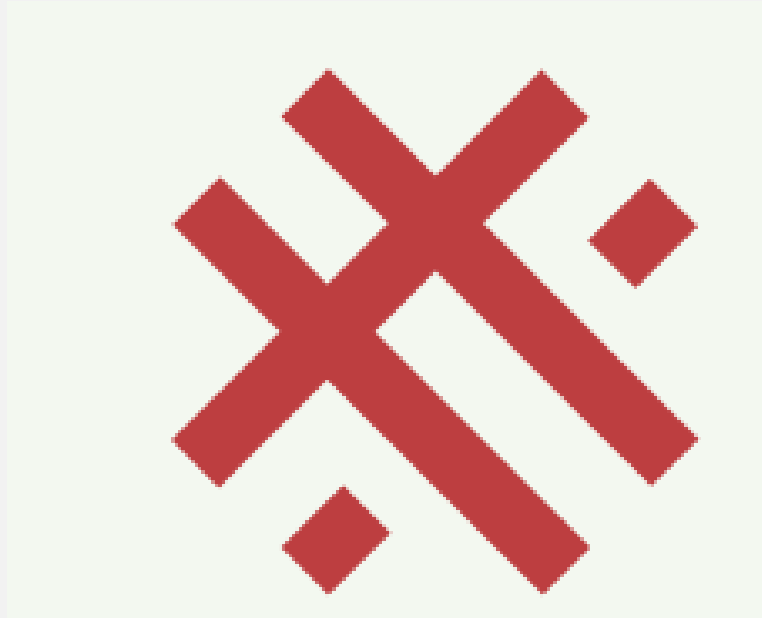
CAPABILITIES

ENGINEERING CAPABILITIES

KRR employs advanced design tools like PV Elite, ANSYS, and SolidWorks to execute:

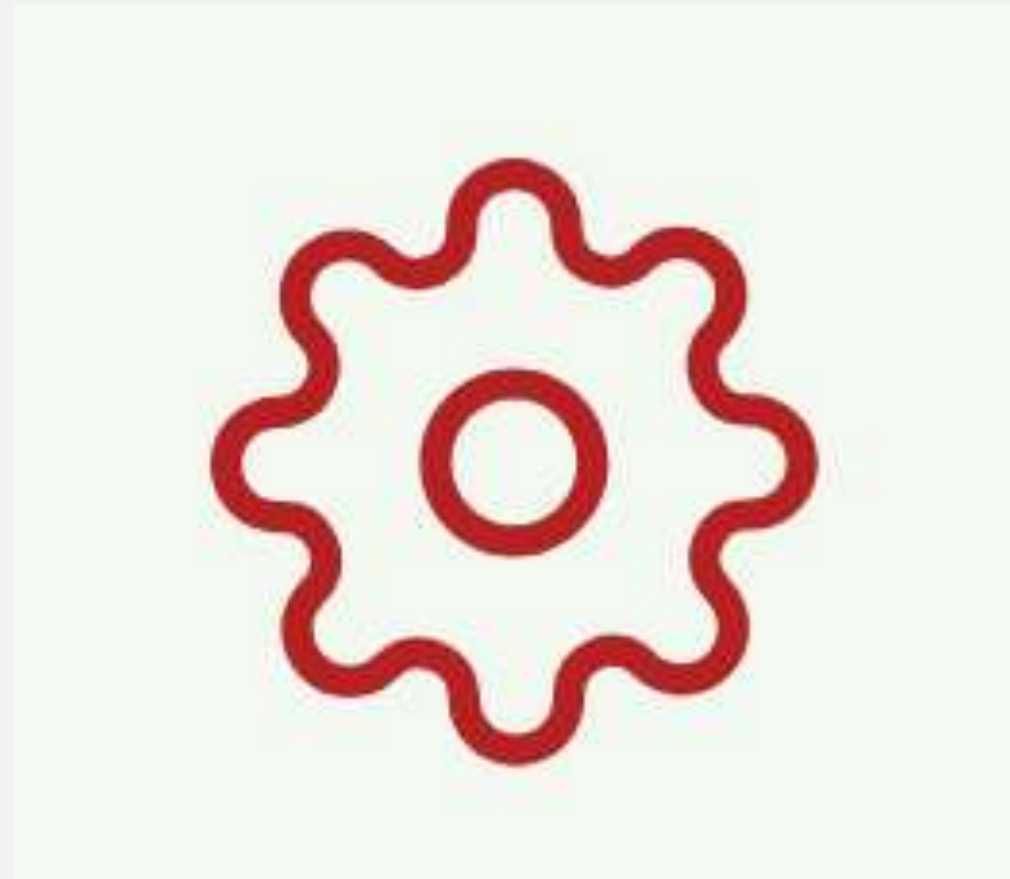
Pressure and thermal stress analysis
Structural and seismic evaluations
FEA for high-precision applications
Lifting, transportation, and
installation analysis

Our engineers are proficient in 3D modelling, AutoCAD, and custom design validation, delivering reliable solutions for complex industrial requirements.



DESIGN CODES & STANDARDS

All tanks manufactured by KRR Engineering are designed in strict adherence to ASME Section VIII Division I (latest edition), along with other international standards such as PED, DIN, IS, and API as per project needs. We specialize in both standard and custom-engineered tanks, including air receivers and high-pressure vessels for critical applications.



MANUFACTURING CAPABILITIES

With robust infrastructure, KRR manufactures tanks up to:

6 m Diameter, 35 m Length, and 150 mm Thickness

Capacity ranging from 5 litres to 1000 Kilolitres

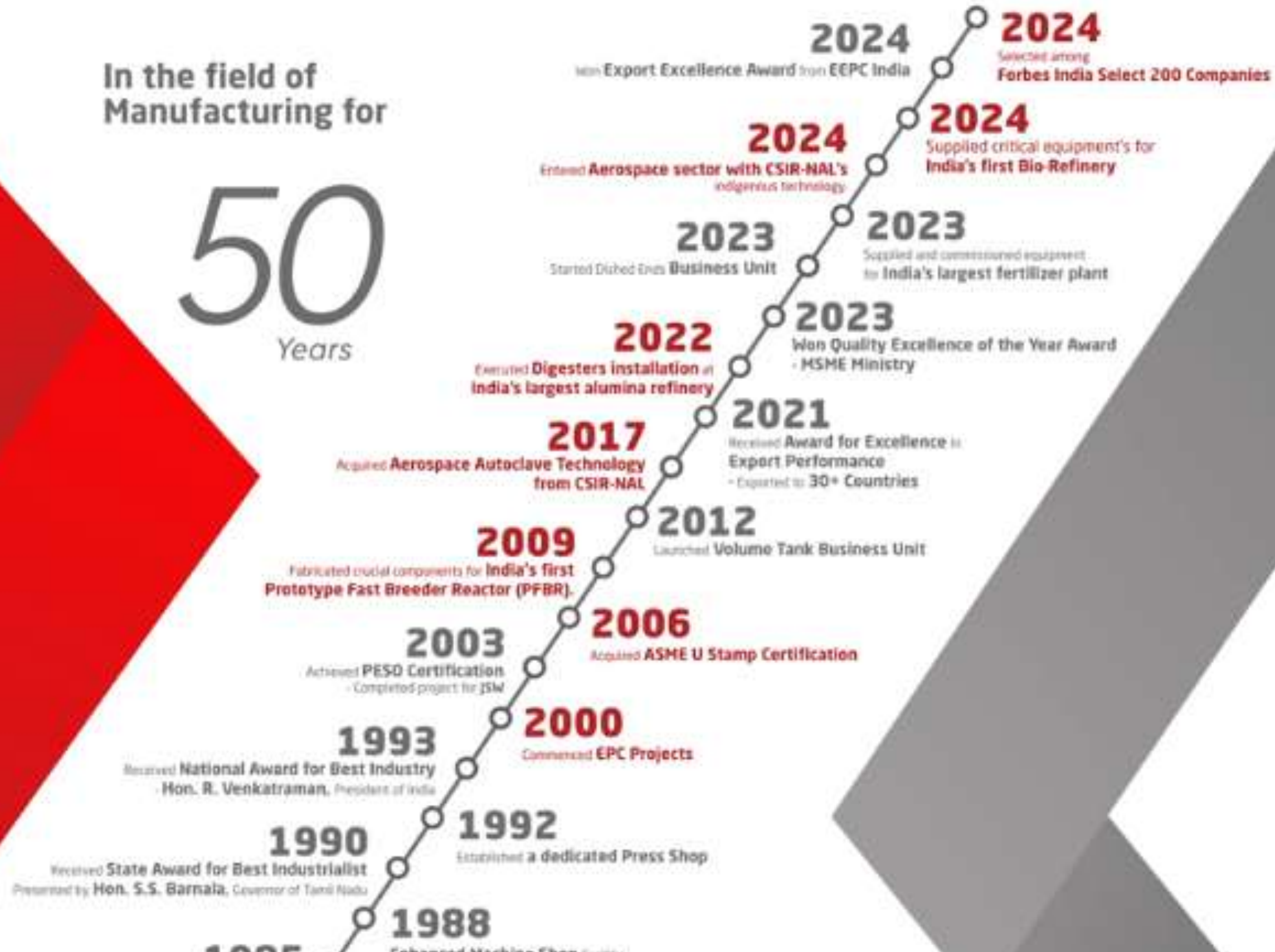
We specialize in custom geometries, multi-metallic constructions, and tight-tolerance fabrication using carbon steel, stainless steel, and exotic alloys.

Each product undergoes rigorous quality control, including RT, UT, LPT, and hydro testing, ensuring compliance with client-specific QAPs and third-party inspection protocols.

OUR HISTORY

In the field of
Manufacturing for

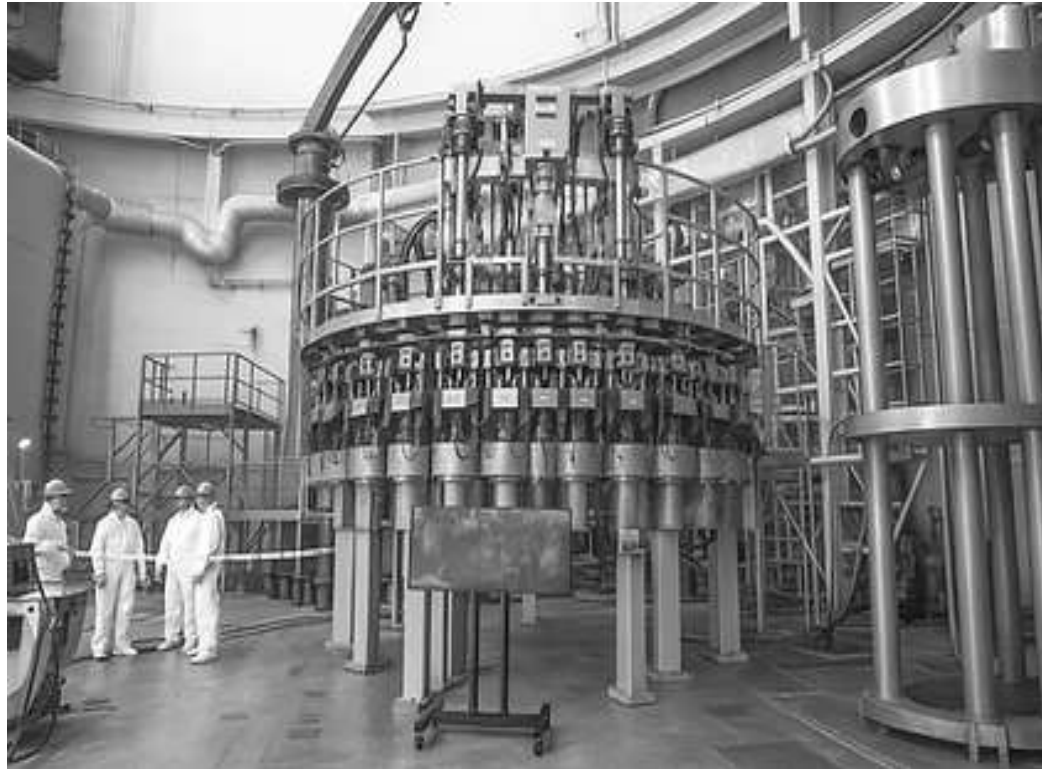
50
Years



OUR PRODUCT

Our Core Industries

Empowering Core Industries with World-Class Engineering Solutions.



Nuclear & Heavy Engineering

As a pioneer in nuclear safety vessel fabrication, KRR Engineering has contributed to India's first fast breeder nuclear reactor. Our offerings include nuclear safety vessels, heat exchangers for nuclear plants, high-pressure expansion tanks and specialized metal fabrication for heavy engineering applications, ensuring the highest levels of safety and reliability.

Oil & Gas

We supply high-performance equipment for the oil and gas sector, ensuring compliance with stringent industry standards. Our offerings include pressure vessels, storage bullets for LPG, butane, and propylene, heat exchangers, adsorption towers, and PESO-certified gas storage vessels. These products are designed for durability and safety in critical applications.





Power & Renewable Energy

We play a crucial role in power generation and renewable energy projects by supplying specialized equipment such as boiler components, including drums and cover plates, high-temperature heat exchangers, and storage tanks for thermal power plants. Additionally, we provide windmill support structures and components, ensuring sustainability and efficiency in energy production.

Cement & Ore Benefaction

For the cement and mineral processing industries, we manufacture high-precision equipment that enhances operational efficiency. Our key products include rotary kilns, pulverizing mills, globe digesters, and heavy fabricated engineering components, all designed to withstand extreme operational conditions.





Industrial Material Handling

We provide customized industrial material handling solutions, including conveyor systems, structural components, and storage solutions such as tanks, silos, and bullets. Additionally, we design and manufacture specialized handling equipment tailored to meet industry-specific needs.

Chemicals & Fertilizers

KRR has been delivering end to end solutions to a wide range of industries including fertilizer, agrochemicals, pesticides, sugar, petrochemicals and inorganic chemicals, acid and alkali, synthetic rutile, sugar, artificial sweetener and so on. Today with increasing living standards and commoditization of products, the consumption is increasing drastically. And to help clients keep up with the market demand KRR has developed technologies which deliver better value.





Food Processing

KRR Engineering delivers stainless steel and exotic metal process equipment for the food and beverage industry. Our solutions include storage tanks for edible oils, dairy, and beverages, heat exchangers for pasteurization and cooling systems, hygienic process piping, and material handling systems, all designed to meet the highest hygiene and safety standards.



Pulp & Paper

We support the pulp and paper industry with specialized fabrication solutions, including rotary digesters, globe digesters, pulp storage tanks, and chemical recovery systems. Our expertise also extends to heat exchangers, process columns, and heavy fabricated components essential for efficient paper processing.



Water & Wastewater Treatment

KRR Engineering provides high-quality water treatment equipment for industrial and municipal applications. Our product range includes storage tanks for water and chemicals, clarifiers, separators, high-pressure vessels for filtration and purification, as well as evaporators and condensers for desalination plants. These solutions help industries meet regulatory requirements for clean water management.

Steel

We specialize in manufacturing high-quality steel components and structures for various industries, offering cutting-edge fabrication, machining, and welding capabilities. Our steel-based solutions include pressure vessels, heat exchangers, industrial tanks, heavy structural components, and custom-formed steel parts. We work with a wide range of steel grades, including stainless steel, carbon steel, and alloy steels, to meet the diverse needs of industries such as construction, oil & gas, and heavy engineering.



Sulfuric Acid Plant has a capacity of 3500

OUR PROJECT



- ❖ Project : IFFCO Sulfuric Acid Plant has a capacity of 3500 MTPD.
- ❖ Equipment's : Acid towers, furnaces, Tanks, Air receivers., etc
- ❖ Year of completion : 2023
- ❖ Owner : Indian Farmers Fertiliser Cooperative Limited
- ❖ Material : Zecor & stainless steel
- ❖ Weight : 465 MT
- ❖ Location : Paradeep, Odisha

Stream Alumina Refinery Expansion Project

- ❖ Project : Stream Alumina Refinery Expansion Project
- ❖ Equipment's : Digesters
- ❖ Weight : 750 MT
- ❖ Design code : ASME sec VIII Div 1
- ❖ Quantity : 6 Nos
- ❖ Material : SA 516 Gr.70
- ❖ Owner : National Aluminium Company Limited
- ❖ Location : Damanjodi , Odisha



2,40,000 MTPA Technical Ammonium



- ❖ Project: 2,40,000 MTPA Technical Ammonium Nitrate project
- ❖ Equipment's: WNA bulk storage Tanks, Silos, Towers, etc
- ❖ Year of completion: 2025
- ❖ Owner: Chambal Fertilisers and Chemicals Limited
- ❖ Weight: 425 MT
- ❖ Material: Stainless steel
- ❖ Location: Kota, Rajasthan

Nitrogen Plant



- ❖ Equipment: Nitrogen Receiver
- ❖ Certification: PESO Approved Pressure Vessel
- ❖ Year of completion: 2022
- ❖ Quantity: 2 Nos
- ❖ Material: SA 516 Gr. 70
- ❖ Location: Bangalore, Karnataka

900 MTPD Bio refinery Project



- ❖ Project : 900 MTPD Bio refinery Project
- ❖ Equipment's : Flare KO Drum, Lean Amine Drum, Light Flare drum.
- ❖ Year of completion : 2024
- ❖ Owner : Numaligarh Refinery Limited
- ❖ Material : SA 516 Gr 70
- ❖ Weight : 160 MT
- ❖ Location : Assam

FACT Ammonia Barge Transport Project



- ❖ Project: FACT Ammonia Barge Transport Project
- ❖ Equipment's: 100 MT Ammonia Bullet
- ❖ Year of completion: 2021
- ❖ Owner: Fertilisers And Chemicals Travancore Limited
- ❖ Material: SA 537 CL.1
- ❖ Weight: 46.2 MT
- ❖ Location: Kerala



Pressure Vessels

Our pressure vessels are designed for both horizontal and vertical configurations, with various head types including flat, conical, hemispherical, ellipsoidal, tori-conical, and tori-spherical. These vessels are engineered to handle extreme conditions, with a thickness of up to 120mm, ensuring durability and safety for high-pressure applications.



Heat Exchangers

We manufacture fixed tube sheet, floating tube sheet, and U-tube type heat exchangers with steam chambers and volute designs. Our heat exchangers support customizable metal combinations for shell and tube sides, allowing enhanced efficiency and corrosion resistance across various industries.



Digesters

We specialize in rotary globe digesters, available in both spherical and elliptical designs. These digesters come with drive arrangements and girth gear integration, ensuring smooth operation and efficient material processing.



Columns & Towers

Our range includes adsorption towers, absorption towers, separators, and cyclones designed for industrial applications. We specialize in single-piece transportable columns up to 60 meters, ensuring ease of installation and efficient operation.



Storage Bullets & Tanks

We provide LPG, butane and propylene storage bullets, available in petal and mounted bullet designs. Additionally, we manufacture chemical storage tanks lined with rubber, epoxy, titanium, and special steel, ensuring long-term reliability and chemical resistance.



Reactors

We manufacture high-performance reactors designed for chemical and pharmaceutical industries, suitable for high-pressure and high-temperature operations. Available in jacketed, limpet coil, and agitated types, our reactors are constructed using stainless steel, hastelloy, and other exotic alloys to ensure durability, corrosion resistance, and process integrity.



Flash Drums & Furnaces

Our high and low-pressure flash drums are designed for industrial applications. We also provide rotary furnaces (anode), ISA smelt furnaces, and electric arc furnaces, as well as molten metal converters with tilting arrangements, ensuring robust and efficient operations.



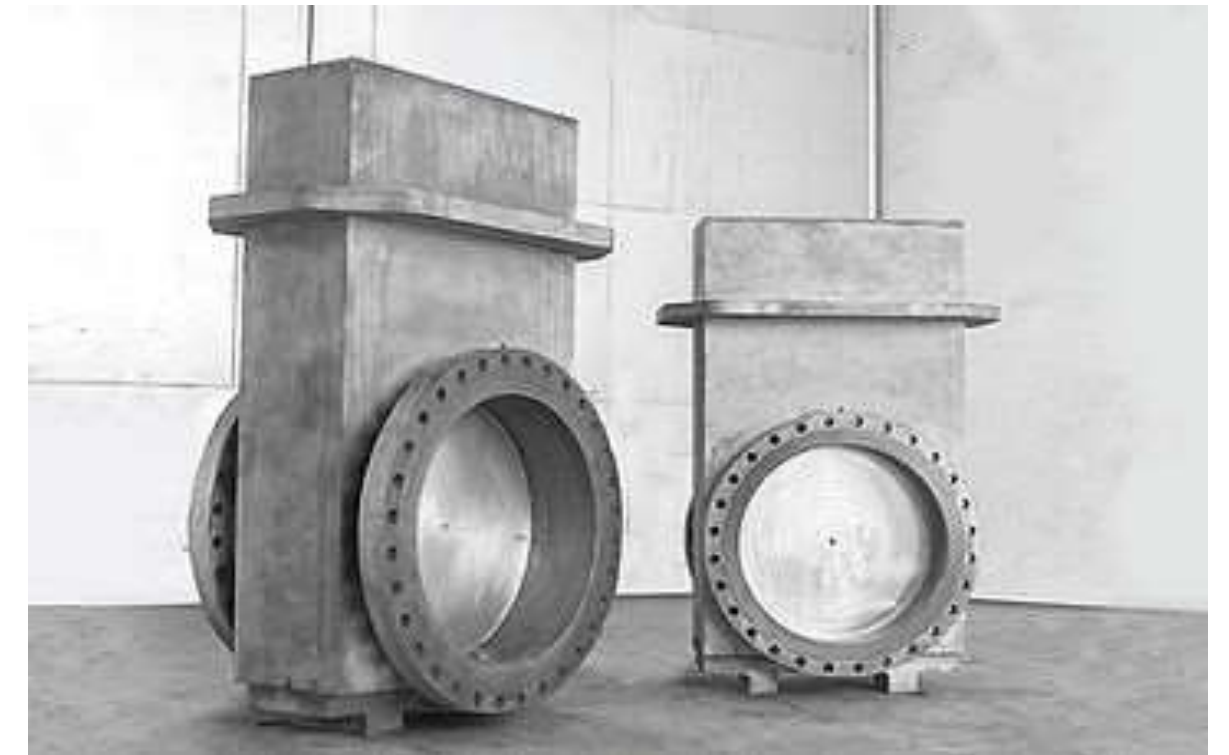
Boiler Components

Our boiler components include boiler drums and cover plates, ensuring efficiency and reliability for high-performance steam generation systems.



Silos

We design and fabricate industrial-grade silos tailored for the storage of bulk solids such as cement, fly ash, and grains. Our offerings include both vertical and horizontal configurations, with options for flat-bottom, conical, and skirt-supported designs. Silos are available with integrated features such as level indicators, aeration systems, and discharge arrangements, ensuring smooth material flow and minimal residue. Designed for easy transportation and installation, our silos are built to withstand diverse operational environments, offering durability and operational efficiency.



Fabricated valves

We design and manufacture heavy-duty fabricated gate valves for industrial applications, engineered for reliable sealing and minimal pressure drop. Our valves are available in a wide range of sizes and pressure ratings, fabricated from carbon steel, stainless steel, and special alloys based on service requirements.



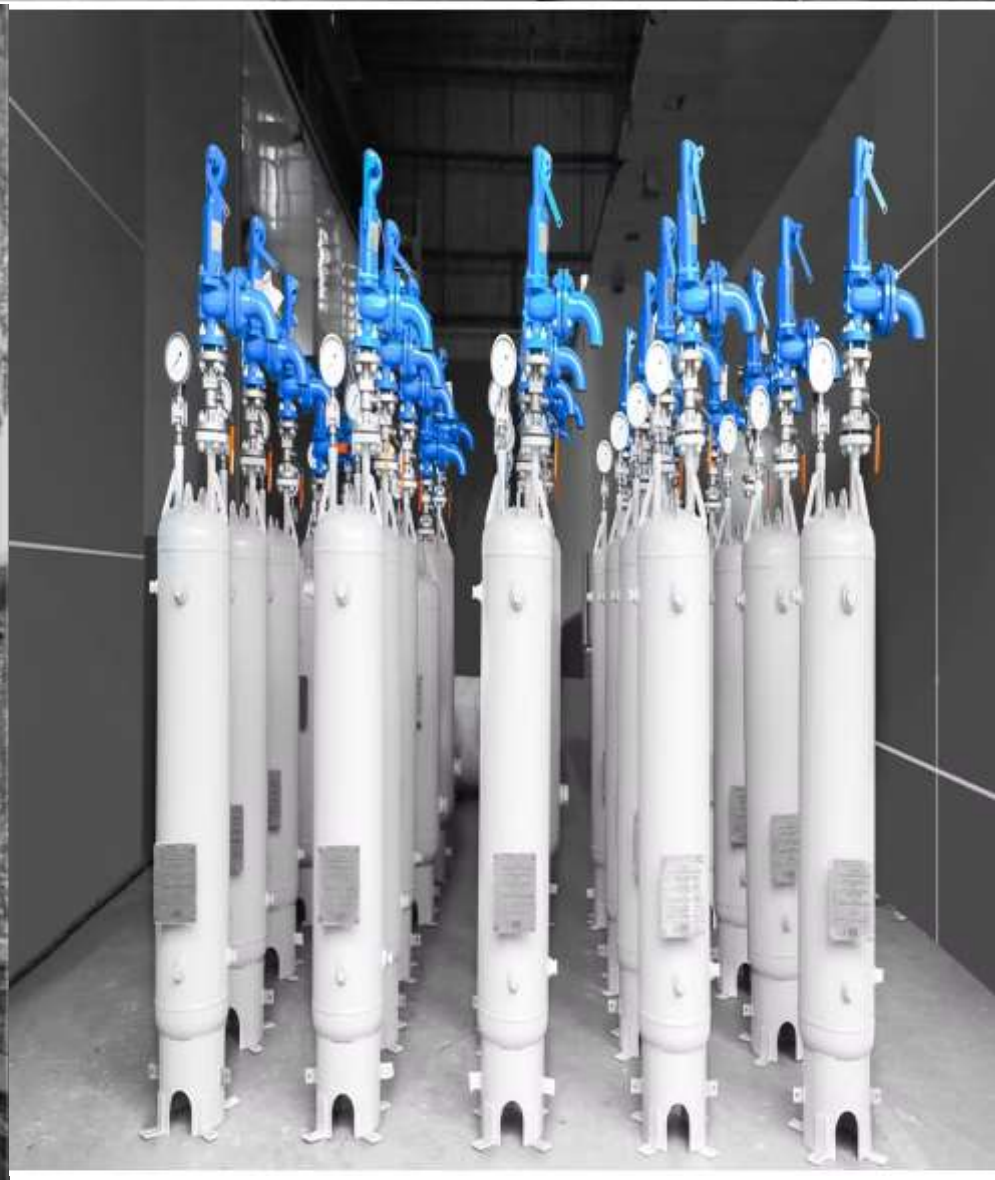
Debarking Drums

Our heavy-duty debarking drums are engineered for efficient log cleaning in wood processing and pulp industries. Designed with robust construction and optimal rotational speed, they ensure thorough bark removal with minimal fiber loss. The drums are available in customizable sizes and configurations to match throughput requirements and site conditions.

Kilns & Driers

We manufacture rotary kilns for cement and ore processing, complete with riding rings, pinions, motor gearboxes, support rollers, and thrust rollers. Additionally, our rotary driers feature inner lifters for improved drying efficiency.





Introduction to Sustainability Report

KRR, a leading provider of design, manufacturing, and erection services for Pressure Vessels, Autoclaves, Heat Exchangers, Boiler Components, and related equipment, has always prioritized operational excellence alongside responsibility toward society and the environment. Serving industries such as Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer, we recognize that sustainable growth is integral to long-term business success. This Sustainability Report reflects our commitment to Environmental, Social, and Governance (ESG) principles across our operations. It provides a transparent overview of our initiatives, achievements, and future goals, demonstrating how we integrate sustainability into our strategy, processes, and culture. From resource efficiency and energy optimization to occupational health and safety, each aspect of our operations is designed to minimize environmental impact while maximizing value for all stakeholders. At KRR, sustainability is more than compliance—it is embedded in our decision-making, innovation, and daily practices. We focus on responsible material usage, waste management, water conservation, emissions control, and renewable energy adoption. Equally, we emphasize social responsibility through employee well-being, diversity and inclusion, community engagement, and skill development. Strong governance practices ensure accountability, transparency, and ethical conduct at every level. This report also highlights key performance indicators, progress against targets, and initiatives that illustrate our journey toward a low-impact, high-responsibility future. It serves as a testament to KRR's dedication to building sustainable industrial solutions, fostering a culture of safety and responsibility, and contributing positively to the communities and industries we serve. We invite all our stakeholders to explore this report and join us in our journey toward sustainable and responsible industrial growth. This report is made as per GRI standards.



This report is made as per GRI standards



Organizational Details

GRI 2-1

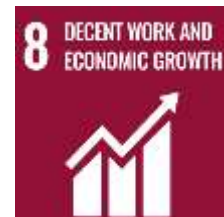
Legal Name	: KRR Engineering Private Limited
Nature of ownership and legal for	: KRR
Location of its headquarters	: UNIT 1: L - 17 & 18 Ambattur Industrial Estate, Chennai - 600 058. Tamilnadu, India. UNIT 2: No 6, Vanagaram Road, Ayanambakkam, Chennai - 600095. Tamilnadu, India. UNIT 3: 18/2A Poonamallee Bypass Road, Senneerkuppam, Chennai - 600056. Tamilnadu, India.
Countries of operation	: India

The reporting period is from April-2024 to March-2025



GOVERNANCE

UN SDGs aligned



List of Material topics

- Board Structure & Independence
- Ethical Business Practices
- Anti-Corruption & Bribery Prevention
- Risk Management & Internal Controls
- Compliance with Laws & Regulations
- Stakeholder Engagement
- Transparency & Disclosure
- Executive Remuneration & Accountability
- ESG Oversight & Strategy
- Whistleblower Mechanisms

- Energy Consumption
- Greenhouse Gas (GHG) Emissions
- Water Usage
- Water Discharge & Quality
- Air Emissions
- Waste Management
- Resource Efficiency
- Chemical & Hazardous Substance Handling
- Biodiversity Impact
- Environmental Compliance

- Employee Health & Safety
- Training & Skill Development
- Diversity & Inclusion
- Labor Rights & Fair Wages
- Employee Engagement & Wellbeing
- Community Engagement & Development
- Human Rights & Non-Discrimination
- Work-Life Balance Initiatives
- Grievance Mechanisms
- Supplier Social Responsibility

Procurement Practices and Supplier Environmental Assessment

GRI 102-29

KRR provided training to employees on integrating environmental, social, and governance (ESG) considerations into their daily operations and decision-making processes. The programs emphasized understanding ESG principles, assessing impacts, and implementing sustainable practices in line with corporate objectives. Employees learned to align operational activities with environmental protection, social responsibility, and ethical governance standards, ensuring that sustainability is embedded throughout the organization. By fostering awareness and accountability, KRR strengthens a culture of responsible business practices and long-term value creation. These initiatives ensure that ESG considerations are systematically applied, supporting the company’s strategic goals while promoting ethical, sustainable, and resilient operations.

Stakeholder Engagement

GRI 102-40

KRR conducted comprehensive stakeholder engagement activities in 2024 to identify and understand the expectations, priorities, and concerns of both internal and external stakeholders. Through structured meetings, focused surveys, and interactive discussions with employees, clients, suppliers, and community representatives, valuable insights were obtained. These inputs played a vital role in refining KRR’s business strategies, promoting responsible decision-making, and strengthening alignment with Environmental, Social, and Governance (ESG) objectives. The engagement process enhanced transparency, accountability, and mutual trust, reinforcing KRR’s commitment to sustainable growth and long-term stakeholder value creation. Continuous dialogue remains central to improving collaboration and ensuring inclusive progress.



Defining Report Content and Topic Boundaries

GRI 102-46

In 2024, KRR carried out a detailed materiality assessment to identify the most relevant Environmental, Social, and Governance (ESG) issues affecting its operations and stakeholders. The process involved stakeholder consultations, risk evaluations, and strategic reviews to prioritize key material topics aligned with sustainability objectives. Based on these insights, Key Performance Indicators (KPIs) were established to track progress across ESG dimensions effectively. This structured and data-driven approach ensures that KRR's sustainability initiatives remain transparent, measurable, and responsive to evolving stakeholder expectations, reinforcing the company's commitment to responsible growth and continuous improvement in ESG performance.



Direct Economic Value Generated and Distributed

GRI 201-1

In 2024, KRR, India reported its total gross annual revenue across design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for industries such as Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer. Revenue data reflects the company's operational performance and market presence while supporting ESG initiatives across economic, social, and environmental dimensions. KRR reinvests a portion of revenue into employee development, sustainable practices, and community engagement, aligning financial growth with corporate responsibility. This approach demonstrates KRR's commitment to long-term value creation, transparency, and sustainable industrial development.

Ratios of Standard Entry-Level Wage to Local Minimum Wage

GRI 202-1

KRR conducted a thorough review of its compensation structure to guarantee fair and competitive wages that meet or exceed regional and industry standards. The company regularly evaluates potential wage disparities to uphold equitable pay practices across all roles, genders, and employment categories. This initiative demonstrates KRR's dedication to promoting fairness, transparency, and respect within the workplace. By ensuring that all employees are compensated justly for their contributions, KRR strengthens trust, motivation, and loyalty among its workforce. These efforts also reflect the company's broader commitment to social justice, ethical governance, and the overall well-being of its employees.



KRR conducted a comprehensive review of its wage structures to ensure fair and equitable compensation across all employee categories. Salaries were adjusted to meet or exceed local legal requirements, addressing potential disparities and promoting transparency. This initiative reinforces the company's commitment to fairness, social equity, and ethical employment practices. By providing equitable pay, KRR fosters trust, motivation, and loyalty among employees, while supporting a positive workplace culture. Ensuring fair compensation not only meets regulatory standards but also strengthens employee engagement and satisfaction. Through these measures, KRR demonstrates its dedication to valuing employees and upholding social responsibility principles.

In 2024, KRR conducted a living wage benchmarking analysis covering 100% of its direct employees across all departments, including design, fabrication, machining, profile formation, and erection operations. The study compared employee compensation against regional industry standards to ensure wages meet or exceed living wage thresholds. Findings were used to adjust pay structures where necessary, promoting fairness, equity, and social responsibility. This initiative reflects KRR's commitment to employee well-being and ethical labor practices while supporting workforce motivation, retention, and productivity. By integrating ESG principles, KRR reinforces transparent, responsible, and socially equitable compensation policies across its operations.



At KRR, India, 0% of direct employees were paid below the living wage in 2024. The company conducts regular benchmarking analyses to ensure all employee compensation meets or exceeds regional living wage standards across design, fabrication, machining, profile formation, dishing, and erection operations. Any gaps identified are promptly addressed through adjustments in pay structures. This commitment promotes fairness, equity, and employee well-being while supporting retention, motivation, and productivity. By integrating ESG principles into compensation practices, KRR ensures ethical labor standards are upheld, reinforcing a responsible, transparent, and socially equitable workplace across all operational levels.

In 2024, KRR, India ensured that 0% of all employees, including direct employees and non-employee workers, were paid below the living wage. Compensation across design, fabrication, machining, profile formation, dishing, and erection operations, as well as contractual and temporary workers, was benchmarked against regional living wage standards. Any discrepancies identified were addressed promptly to uphold fairness and equity. This initiative reflects KRR's commitment to ethical labor practices, employee well-being, and social responsibility. By integrating ESG principles into remuneration policies, the company reinforces transparency, accountability, and equitable treatment, ensuring a safe, inclusive, and responsible workplace for all personnel.





In 2024, KRR, India reported a 0% average wage gap for direct employees paid below the living wage against established living wage benchmarks. The company regularly conducts compensation assessments across design, fabrication, machining, profile formation, dishing, and erection operations to ensure wages meet or exceed regional standards. Any identified gaps are promptly addressed through adjustments in salary structures. This proactive approach reinforces fairness, equity, and employee well-being. By integrating ESG principles into wage management, KRR strengthens ethical labor practices, transparency, and accountability, fostering a motivated, loyal, and socially responsible workforce aligned with sustainable business objectives.

Indirect Economic Impacts

GRI 203-1

In 2024, KRR, India actively engaged in environmental services and advocacy across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. The company implemented initiatives such as community awareness programs, environmental education campaigns, and partnerships to promote sustainable practices. Employee participation in environmental stewardship activities reinforced ESG integration into corporate culture. By advocating for conservation, pollution reduction, and sustainable resource use, KRR demonstrates responsibility toward society and the environment. These efforts strengthen community relationships, enhance corporate reputation, and support long-term ecological and social sustainability.





Procurement Practices and Supplier Environmental Assessment

GRI 204-1

KRR provided buyers with targeted sustainability training emphasizing environmental criteria, local sourcing, and ethical supplier selection. The programs equipped employees with the knowledge and tools to evaluate suppliers based on ecological impact, social responsibility, and compliance with ethical standards. Buyers learned to prioritize sustainable practices, reduce carbon footprints, and support local economies through informed procurement decisions. By integrating these principles into sourcing processes, KRR ensures responsible, transparent, and accountable supply chain management. These initiatives strengthen the company's commitment to environmental stewardship, social equity, and long-term sustainability, promoting procurement practices that align with organizational values and global best practices.

Anti-Corruption

GRI 205-1

KRR conducted comprehensive audits covering areas such as child labor, forced labor, human trafficking, fair recruitment and promotion, pay gaps, anti-corruption, information security (ISMS), water accounting, workplace harassment, inclusion of employees with disabilities, working hours, and ergonomics. These audits ensured compliance with legal, ethical, and ESG standards while identifying opportunities for continuous improvement. Findings were used to enhance policies, processes, and employee practices. The outcomes strengthened KRR's transparency, accountability, and commitment to responsible business conduct, promoting employee well-being, protecting human rights, and supporting environmental stewardship. These initiatives reinforce a culture of integrity, safety, and sustainability across the organization.

Communication and Training about Anti-Corruption Policies

GRI 205-2

KRR ensured that all employees participated in training sessions focused on anti-corruption, ethical decision-making, and proper reporting procedures. The programs emphasized the importance of integrity, transparency, and accountability in every business transaction. Employees were educated on recognizing potential ethical risks, avoiding conflicts of interest, and following internal mechanisms for reporting misconduct. By reinforcing ethical standards and compliance requirements, KRR fosters a culture of honesty and responsible conduct across the organization. These initiatives strengthen trust among employees, stakeholders, and partners while mitigating risks related to corruption, ensuring that the company upholds its commitment to lawful, fair, and transparent business practices.

KRR provided employees with training on business ethics, the company's code of conduct, and anti-bribery guidelines to reinforce ethical behavior throughout the organization. The sessions emphasized integrity, transparency, and accountability in decision-making and daily operations. Employees learned to identify and address ethical dilemmas, prevent misconduct, and comply with legal and regulatory requirements. By fostering awareness and understanding of ethical standards, KRR strengthens its organizational culture, promotes responsible practices, and ensures consistent compliance across all functions. These initiatives help build trust among employees, clients, and stakeholders while safeguarding the company's reputation and commitment to principled business conduct.

In 2024, KRR provided sustainable procurement training to 100% of its buyers. The program focused on integrating ESG considerations into supplier selection, contract management, and procurement decision-making for design, heavy fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Training emphasized evaluating suppliers on labor practices, environmental compliance, human rights, and ethical standards. By equipping buyers with sustainability knowledge, KRR strengthens responsible sourcing, fosters supplier accountability, and ensures alignment of procurement activities with its corporate ESG commitments.

In 2024, KRR, India ensured that 100% of its employees, across design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries, received training on business ethics. The program covered anti-corruption policies, code of conduct, ethical decision-making, and reporting mechanisms for unethical practices. Regular refresher sessions reinforced awareness and compliance. By integrating ESG principles into ethics training, KRR strengthens its ethical culture, promotes transparency and accountability, mitigates risks, and fosters responsible conduct across all levels of the organization.

Confirmed Incidents of Corruption and Actions Taken

GRI 205-3



In 2024, KRR, India reported zero confirmed incidents of corruption across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. The company maintains stringent anti-corruption policies, regular employee training, and robust whistleblower mechanisms to detect and prevent unethical practices. ESG-aligned governance ensures transparent reporting, accountability, and compliance with legal and ethical standards. This proactive approach reinforces KRR's commitment to integrity, ethical business conduct, and a culture of transparency and responsible corporate stewardship.

In 2024, KRR, India recorded all reports submitted through its whistleblower procedures across design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Employees and stakeholders were encouraged to report unethical behavior, corruption, or violations of company policies confidentially and without fear of retaliation. Each report was promptly investigated, and corrective actions were implemented where necessary. By integrating ESG principles, KRR promotes transparency, accountability, and ethical conduct, fostering a culture of integrity and responsible business practices throughout the organization.



GRI : 201-1

Rs. 726100000

Total gross annual revenue

Total gross annual revenue

GRI : 202-1

100 %

Percentage of direct employees covered by a living wage benchmarking analysis

Percentage of direct employees covered by a living wage benchmarking analysis

GRI : 202-1

0 %

Percentage of direct employees paid below living wage

Percentage of direct employees paid below living wage

GRI : 202-1

0 %

Percentage of all employees paid below living wage, including direct employees and non-employee workers

Percentage of all employees paid below living wage, including direct employees and non-employee workers

GRI : 202-1

0 %

Percentage of average wage gap for direct employees paid below living wage against a living wage benchmark

Percentage of average wage gap for direct employees paid below living wage against a living wage benchmark

GRI : 203-1

7 Nos

Environmental services and advocacy

Count-Number of Activities in Environmental Services & Advocacy

GRI : 205-2

100 %

Percentage of employees trained on business ethics

Percentage of employees trained on business ethics

GRI : 205-2

100 %

Percentage or number of all buyers who received training on sustainable procurement

Percentage of buyers received education/training on sustainable procurement

GRI : 205-3

0 Nos

Number of reports related to whistleblower procedure

Number of reports related to whistleblower procedure

GRI : 205-3

0 Nos

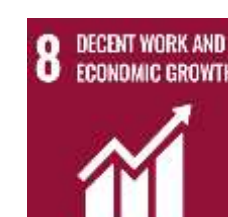
Number of confirmed corruption incidents

Number of reports related to whistleblower procedure



ENVIRONMENT


UN SDGs aligned



ENERGY EFFICIENCY AND EQUIPMENT UPGRADES

GRI 302-1


KRR has implemented multiple energy efficiency initiatives by replacing conventional lighting with LED fixtures, installing variable frequency drives (VFDs) on motors, and optimizing compressor and welding systems. Periodic energy audits identify inefficiencies and guide equipment modernization. Machine idle-time monitoring and maintenance schedules further reduce energy losses. These measures have collectively reduced electricity consumption by approximately 5–8%, lowering operational costs and greenhouse gas emissions. Supporting evidence includes energy audit reports, purchase invoices for LED lights and VFDs, and before-and-after electricity consumption records.



WATER CONSERVATION AND REUSE SYSTEMS


GRI 303-1

To minimize freshwater withdrawal, KRR introduced rainwater harvesting systems, water recycling from cooling towers, and condensate recovery from fabrication processes. Treated water from the Effluent Treatment Plant (ETP) is reused for gardening and floor cleaning. Flow meters and periodic monitoring ensure efficient utilization. These initiatives save nearly 4,000–5,000 m³ of water annually. Evidence includes photographs of rainwater harvesting pits, ETP operation logs, flow meter readings, and maintenance records. This initiative supports sustainability in regions facing water scarcity and ensures compliance with local water management norms.




Status of Blue Waste

All Blue Wastes are clean
and un-soiled



Status of Organic Waste

All the green waste could
be recovered in segregated
manner



Status of Red Waste

Rejects get separated for
further treatment

WASTE SEGREGATION AND DISPOSAL MANAGEMENT

GRI 306-1

KRR practices responsible waste management through segregation at source into scrap metal, hazardous waste, and recyclables. Scrap metal generated from fabrication and machining is sold to authorized recyclers, while hazardous waste such as oil-soaked rags, spent oil, and paint sludge is stored in labeled containers and disposed of through certified agencies. Records of waste transfer, Material Safety Data Sheets (MSDS), and vendor authorization certificates serve as evidence. These actions ensure compliance with Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, promoting a cleaner and safer workspace.

AIR POLLUTION AND EMISSION CONTROL MEASURES

GRI 305-1

Fabrication and welding processes are equipped with fume extractors, local exhaust ventilation, and dust collectors to maintain indoor air quality. Boiler emissions are monitored for particulate matter, SO₂, and NO_x levels through approved third-party testing. Stack monitoring reports, equipment calibration records, and annual air quality test certificates serve as evidence. Regular maintenance of DG sets and use of low-sulphur diesel help in emission reduction. These measures collectively align with the Air (Prevention and Control of Pollution) Act, 1981, ensuring minimal impact on surrounding communities and the environment.



HAZARDOUS MATERIAL HANDLING AND STORAGE

GRI 306

Hazardous chemicals such as paints, thinners, and cleaning solvents are stored in fireproof enclosures with secondary containment and proper labeling. Employees receive safety training and Material Safety Data Sheets are available at all handling points. Spill kits and emergency response protocols are in place to prevent soil and groundwater contamination. Supporting evidence includes storage area photographs, chemical inventory lists, spill management procedures, and training attendance sheets. This initiative ensures compliance with environmental and occupational safety standards while preventing accidental pollution or exposure.

RENEWABLE ENERGY ADOPTION

GRI 302

KRR has partially shifted to renewable power sources by installing rooftop solar photovoltaic panels for office and shop-floor lighting. The solar system generates clean electricity that offsets grid consumption and reduces the company's carbon footprint by around 20 tCO₂e annually. Net-metering agreements, solar installation certificates, and monthly generation reports are maintained as supporting documentation. This initiative reflects KRR's commitment to adopting low-carbon technologies, reducing reliance on fossil-fuel-based electricity, and contributing to India's renewable energy transition goals under the National Solar Mission.

NOISE POLLUTION MITIGATION

GRI 403

To maintain a healthy and safe working environment, KRR monitors noise levels around fabrication, machining, and compressor sections. Noise-absorbing panels, enclosures, and silencers are installed on high-decibel machines. Regular maintenance of bearings and lubrication also minimizes noise. Monitoring is conducted periodically through accredited laboratories, with records of decibel readings maintained. The evidence includes test reports, maintenance logs, and photographs of noise control installations. This proactive approach helps protect worker hearing, ensures compliance with permissible industrial noise limits, and enhances overall environmental performance.

GREENBELT DEVELOPMENT AND BIODIVERSITY ENHANCEMENT

GRI 304

KRR maintains an extensive greenbelt around its manufacturing facility, planting native trees and shrubs that act as a natural air filter and noise barrier. Annual plantation drives are conducted involving employees to promote environmental awareness. The plantation has increased green cover by 15%, improving local biodiversity and microclimate. Evidence includes plantation records, survival rate data, photographs of the greenbelt area, and vendor bills for saplings. This initiative reinforces KRR's dedication to maintaining ecological balance and supporting the "Clean and Green India" movement.



EMPLOYEE ENVIRONMENTAL AWARENESS AND TRAINING

GRI 403

KRR organizes periodic awareness sessions for employees and contractors on energy conservation, waste handling, and pollution prevention. Induction training for new recruits includes environmental responsibilities and safe work practices. Posters, signage, and digital campaigns reinforce sustainable habits. Evidence includes attendance sheets, training presentations, and photographs of awareness events. These activities build an environmentally responsible workforce and embed ESG principles within the company culture, ensuring that environmental protection remains an integral part of daily operations and decision-making processes.



REDUCTION OF GREENHOUSE GAS EMISSIONS

GRI 305

KRR continuously tracks energy consumption to estimate carbon emissions from manufacturing operations. By adopting energy-efficient welding inverters, optimizing logistics to reduce idle transport time, and improving compressed air systems, KRR has reduced its annual GHG emissions by an estimated 30 tCO₂e. Supporting evidence includes GHG inventory calculations, fuel consumption records, and internal monitoring spreadsheets. This initiative demonstrates the company's commitment to aligning with India's climate action goals and contributing to a lower-carbon industrial ecosystem.

GRI 301

KRR has conducted a comprehensive waste stream mapping exercise to identify, categorize, and quantify all types of waste generated across fabrication, machining, and coating operations. The mapping distinguishes between metal scrap, process sludge, hazardous waste, and recyclable materials, enabling precise segregation and management. Data collected supports compliance reporting and waste minimization planning. By understanding each stream's source and composition, KRR ensures effective recycling and safe disposal in line with environmental standards. Supporting evidence includes waste audit reports, flow diagrams, and approved recycler certificates demonstrating traceable and environmentally responsible waste management practices.

Material Health Screening

GRI 301

KRR utilizes advanced chemical databases such as REACH, GHS, and ChemSoft to identify potential health and environmental risks associated with raw materials, components, and finished products. Each substance is screened for toxicity, carcinogenicity, and ecological persistence to ensure regulatory compliance and product safety. The Environmental, Health & Safety (EHS) team collaborates with R&D to substitute or phase out hazardous substances and adopt safer alternatives. Continuous monitoring of global chemical regulations ensures up-to-date risk management. This initiative strengthens KRR's ESG framework by preventing harmful exposure, protecting workers and consumers, and ensuring environmentally responsible product development and lifecycle management.

GREEN CHEMICAL INITIATIVE

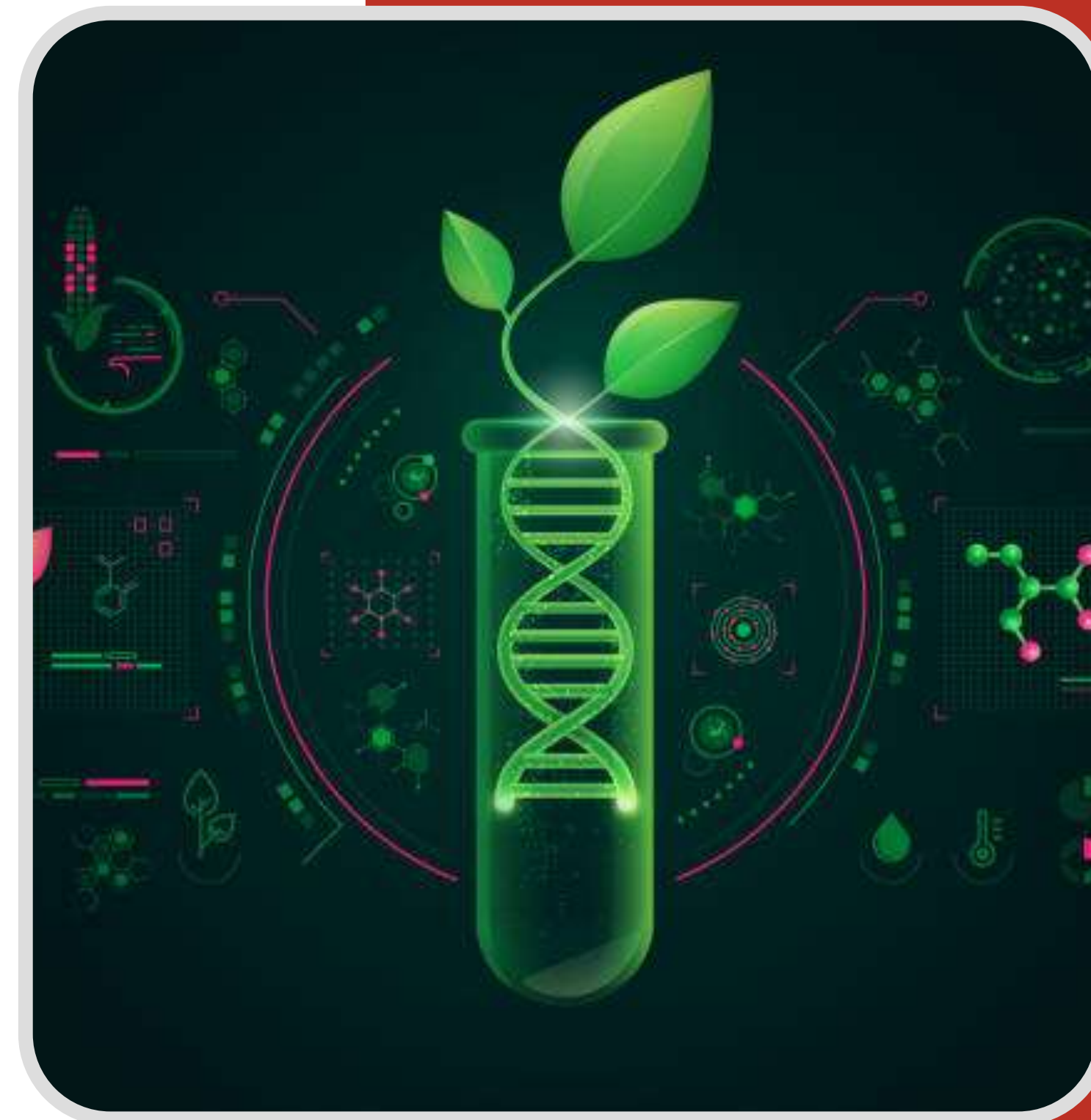
GRI 301

KRR continuously evaluates materials and processes to replace hazardous chemicals with safer, environmentally friendly alternatives. Water-based paints, low-VOC thinners, and eco-friendly degreasers have been introduced in place of solvent-based options. This shift minimizes exposure risks to workers and reduces emissions of volatile organic compounds (VOCs). Safety Data Sheets (SDS), supplier declarations, and process modification reports serve as evidence. These actions align with REACH and Indian environmental regulations, ensuring KRR's manufacturing operations remain safe, sustainable, and compliant while maintaining high-quality output and worker health protection.

FLEET SCHEDULING STRATEGY

GRI 302

KRR optimizes transportation logistics to reduce traffic congestion and associated emissions. Material dispatch and receipt schedules are staggered to avoid peak hours, while route planning software minimizes vehicle idle time. Onsite vehicle parking, internal traffic marking, and designated loading zones further streamline movement. This practice reduces fuel wastage, delivery delays, and air pollution near the facility. Evidence includes transport schedules, fuel consumption logs, and logistics route plans. These measures contribute to efficient operations, lower carbon intensity, and a positive environmental footprint around KRR's manufacturing complex



Sustainable Disposal Network

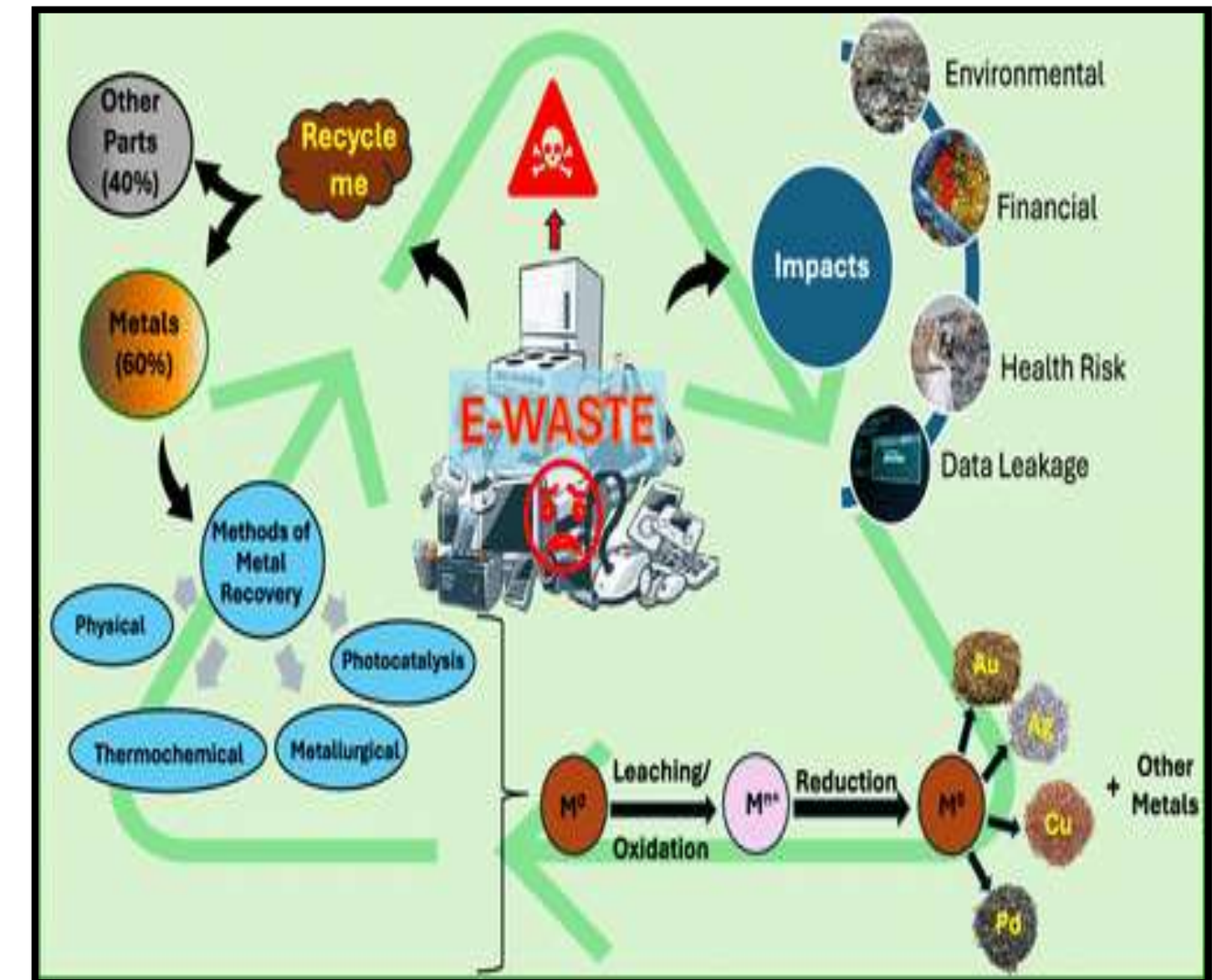
GRI 306

KRR partners with recyclers, customers, and regulatory agencies to promote responsible end-of-life management of its products. These collaborations facilitate material recovery, component reuse, and recycling through authorized channels. Joint programs are established to improve dismantling efficiency and reduce landfill dependency. KRR aligns its practices with Extended Producer Responsibility (EPR) standards, ensuring traceable reverse logistics and closed-loop systems. Awareness campaigns and technical support are provided to customers for safe disposal and recovery. Through these efforts, KRR conserves natural resources, prevents environmental contamination, and demonstrates its commitment to sustainable circular economy principles within product lifecycle management.

Effluent Testing Program

GRI 303

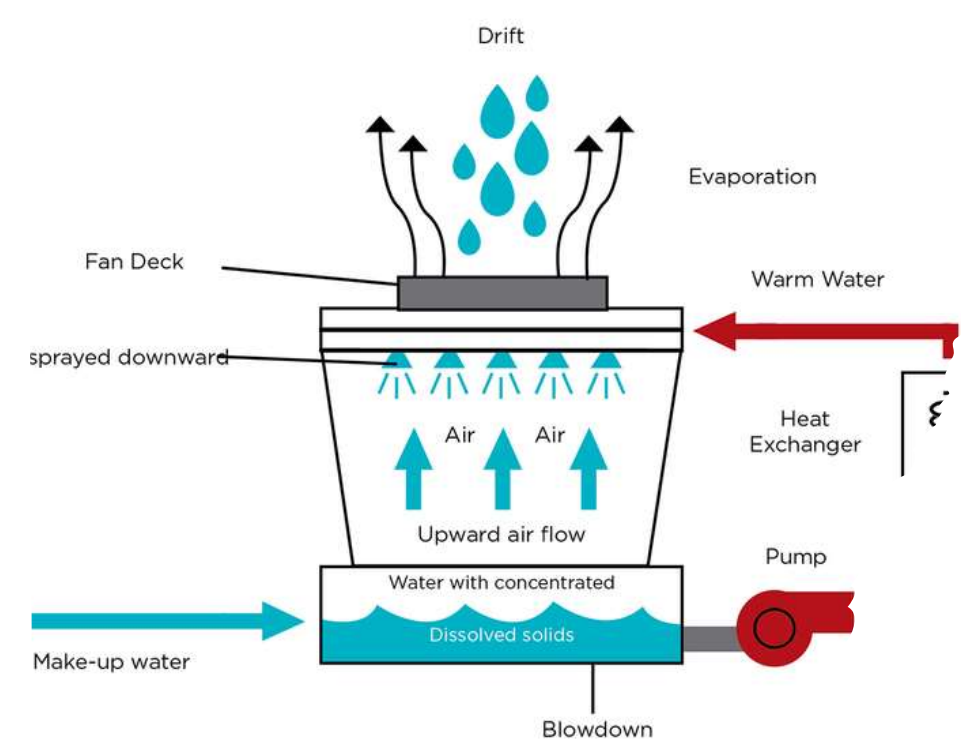
KRR regularly conducts wastewater quality assessments to ensure compliance with prescribed discharge standards. Samples from the Effluent Treatment Plant (ETP) are analyzed for pH, COD, BOD, TSS, and heavy metals by accredited laboratories. The results confirm that treated water meets environmental norms before reuse or discharge. Monitoring logs, laboratory certificates, and ETP maintenance records provide evidence. These efforts demonstrate responsible wastewater management, prevent contamination, and protect surrounding ecosystems.



CLOSED-LOOP COOLING

GRI 303

KRR employs closed-loop cooling systems and condensate recovery units to minimize water consumption in fabrication and heat exchanger testing processes. These systems reuse the same water multiple times, drastically cutting down fresh water intake. Evidence includes system schematics, flow meter readings, and maintenance logs. This initiative reduces annual water usage by approximately 20%, lowers operating costs, and aligns with sustainable water management practices in industrial operations.



SEALED CONVEYING SYSTEMS



GRI 302

For clients involving powder-handling projects, KRR promotes the use of closed conveyors and sealed transfer systems to prevent dust emissions during handling of cement, sand, or similar materials. These systems ensure worker safety, reduce particulate release, and maintain ambient air quality. Evidence includes engineering drawings, equipment photographs, and commissioning reports. This initiative aligns with pollution prevention standards and demonstrates engineering excellence in sustainable material handling design.

GRI 301

ENVIRONMENTALLY SAFE INPUTS

KRR has started adopting eco-friendly materials such as biodegradable cleaning agents, recyclable packaging, and bio-based lubricants in fabrication and assembly operations. This switch lowers environmental toxicity and reduces dependency on petroleum-based inputs. Vendor certifications, procurement records, and product data sheets support this initiative. These actions align with sustainable material management principles and enhance KRR's environmental responsibility credentials across the supply chain.

GRI 306

KRR ensures that customers receive clear instructions for the safe and sustainable disposal of products at the end of their lifecycle. Disposal guidelines accompany all products, identifying recyclable materials and directing users to authorized collection or recycling facilities. The company encourages segregation of hazardous and non-hazardous waste to promote resource recovery and circular material flow. Packaging and labeling clearly indicate environmental handling symbols in compliance with waste management regulations. Awareness programs and digital resources further guide customers toward responsible behavior. This initiative reduces waste sent to landfills, supports material recycling, and strengthens KRR's circular sustainability framework.



SEGREGATION AND DISPOSAL

GRI 306

All waste at KRR's facility is sorted at the source into clearly labeled bins for metal, plastic, paper, and hazardous waste. Trained personnel oversee collection and ensure proper disposal through authorized recyclers. Color-coded waste stations, signage, and waste transfer documentation serve as evidence. This system ensures traceability, minimizes landfill contribution, and fosters a culture of waste responsibility among employees.

Incident Reporting Platform

.GRI 307

KRR has established structured processes and dedicated facilities to collect, monitor, and analyze external feedback regarding health and safety issues related to its products and services. Channels include customer helplines, feedback forms, digital portals, and supplier audits, ensuring transparent communication and rapid response. Feedback is systematically reviewed by cross-functional teams to identify trends, implement corrective actions, and improve product design and safety measures. Regular reporting and management reviews ensure continuous improvement. This initiative strengthens stakeholder engagement, enhances consumer trust, and ensures KRR's compliance with global health, safety, and ESG standards.

GRI 302

ENERGY SAVINGS INITIATIVE

KRR continuously upgrades its machinery and infrastructure to boost energy efficiency. Legacy welding rectifiers and motors have been replaced with inverter-based systems and energy-efficient models, while compressed air leaks are regularly monitored and repaired. These measures have enhanced process performance and reduced electricity consumption by around 8%. Supporting evidence includes energy audit reports, equipment invoices, and electricity trend charts, demonstrating measurable improvements. Such proactive upgrades reflect KRR’s commitment to sustainable industrial operations, optimizing energy use, reducing operational costs, and contributing to environmental conservation, while maintaining high production efficiency and equipment reliability.

TOXIC EMISSION MANAGEMENT

GRI 305

KRR applies advanced fume extraction systems and catalytic filters to control emissions from welding and coating operations. The shift to low-VOC paints and energy-efficient burners further reduces air pollutants. Emission testing reports, chemical usage logs, and equipment performance data substantiate the initiative. These technologies uphold air quality standards, ensuring a safer work environment and compliance with national pollution control regulations.

Responsible Disposal Guidance

GRI 306

KRR provides clear guidance to customers on proper disposal of products to promote circular material flow and minimize environmental impact. Disposal instructions highlight recyclable components, separation of hazardous and non-hazardous materials, and authorized collection or recycling facilities. Product manuals, labels, and digital resources ensure end-users understand sustainable handling practices. By encouraging responsible disposal, the company reduces landfill waste, conserves raw materials, and enables material recovery for reuse in new products. This initiative strengthens KRR’s circular economy approach, supports regulatory compliance, and fosters environmental stewardship while promoting sustainable resource management across the product lifecycle.

45. GREEN PRACTICES AWARENESS

KRR organizes annual training sessions and workshops for employees to promote energy-efficient practices and climate awareness. Topics include responsible electricity use, equipment shutdown procedures, and understanding carbon emissions. Posters and awareness drives reinforce behavioral change. Attendance records, training materials, and photographs are maintained as evidence. This initiative builds internal capacity and ensures collective participation in reducing KRR's environmental footprint.



46. ATMOSPHERIC TESTING INITIATIVE

Ambient air quality within and around the facility is monitored periodically by accredited agencies. Parameters such as PM10, PM2.5, SO₂, and NO_x are analyzed to ensure compliance with CPCB standards. The reports are reviewed by management, and control measures are implemented when necessary. Monitoring results, calibration certificates, and test reports serve as evidence. This practice maintains a healthy working environment and minimizes external environmental impact.

47. RENEWABLE ENERGY ADOPTION

KRR actively supports the transition to clean energy by procuring renewable electricity from the grid and generating power through rooftop solar installations. This combined approach significantly reduces the facility's carbon footprint while promoting sustainable operational practices. Detailed records, including solar generation logs, energy bills, and green power purchase agreements, are meticulously maintained to ensure transparency and verification. By integrating renewable energy into its manufacturing processes, KRR aligns with India's national renewable energy mission, demonstrates leadership in environmental responsibility, and reinforces its commitment to ESG principles, contributing to long-term energy sustainability and reduced greenhouse gas emissions.

48. Package Simplification Strategy

KRR implements packaging optimization strategies to reduce material use, weight, and complexity, supporting sustainable resource management and lowering environmental impact. Primary packaging is redesigned using lightweight, mono-material, and recyclable components without compromising product protection. Efficient layouts reduce transport volume, improving fuel efficiency and lowering carbon emissions during logistics. Supplier collaboration ensures eco-friendly materials and compliance with global packaging directives. Continuous assessment of packaging lifecycle, including waste reduction and recyclability, minimizes landfill contribution. These measures conserve resources, reduce operational costs, and reinforce KRR's commitment to sustainable production, circular economy principles, and responsible material stewardship across its product portfolio.

49. SAFE SUBSTANCE MANAGEMENT

KRR ensures that all employees handling hazardous materials receive comprehensive training on safe storage, proper labeling, spill response, and correct use of personal protective equipment (PPE). Regular refresher sessions and mock drills reinforce knowledge and preparedness, ensuring staff are capable of responding effectively to potential incidents. Detailed attendance records, training manuals, and photographs are maintained as evidence of participation and compliance. This initiative minimizes workplace accidents, reduces environmental risks associated with hazardous substances, and strengthens adherence to occupational safety and environmental regulations. By fostering a culture of safety, KRR demonstrates its commitment to responsible and sustainable manufacturing practices.

INTERNAL WASTE EDUCATION

GRI 306

KRR conducts regular training programs to educate employees on effective waste segregation, minimization, and recycling practices. Training covers the identification of recyclable materials, safe handling and disposal of hazardous waste, and efficient utilization of resources. Visual aids such as posters and color-coded bins reinforce awareness across all departments. Attendance sheets, training manuals, and photographs of awareness activities are maintained as evidence. This initiative promotes active employee participation in environmental stewardship, ensures compliance with waste management regulations, and fosters a culture of continuous improvement. KRR's efforts contribute to sustainable operations and responsible resource management across its manufacturing facilities.



Hazard Communication System

GRI 306

KRR ensures that every product containing chemical substances is accompanied by a comprehensive Safety Data Sheet (SDS) in accordance with GHS, REACH, and other applicable regulations. Each SDS provides detailed information on chemical composition, hazard identification, safe handling procedures, storage requirements, emergency response, and disposal guidelines. Updated periodically, SDSs are made easily accessible to customers, downstream users, and regulatory authorities through digital platforms and product documentation. This initiative enhances transparency, enables informed handling of materials, prevents accidents, and ensures regulatory compliance. By providing accurate and timely safety information, KRR supports customer health, workplace safety, and sustainable chemical management practices.

REGULATORY COMPLIANCE HANDLING

GRI 307

KRR follows strict protocols for the labeling, storage, and transport of hazardous materials. Containers are clearly marked with hazard symbols and stored in ventilated areas with secondary containment. Transport vehicles are operated by licensed handlers and accompanied by safety data documentation. Evidence includes labeling photographs, MSDS copies, and transporter authorization certificates. This ensures compliance with the Hazardous and Other Wastes Rules, 2016, and promotes safe, environmentally responsible handling throughout the supply chain.

Sustainable Product Development

GRI 301

KRR prioritizes the development of VOC-free products to safeguard human health and reduce environmental impact. By adopting water-based formulations, non-toxic raw materials, and low-emission manufacturing processes, VOC emissions are minimized, improving indoor and ambient air quality. R&D teams rigorously test formulations to ensure compliance with global standards and regulatory requirements. Supplier audits guarantee sourcing of low-emission materials. This initiative reduces air pollution, protects workers and end-users from exposure to harmful chemicals, and supports sustainability goals. VOC-free product development reflects KRR's commitment to environmentally responsible innovation, safe product usage, and proactive ESG-aligned manufacturing practices.



THERMAL EFFICIENCY UPGRADE

GRI 302-4

KRR implements waste heat recovery systems to capture heat from compressors and exhaust streams, which is then used to preheat water for fabrication processes and staff utilities. This practice reduces overall energy demand and enhances thermal efficiency across operations. Supporting evidence includes detailed schematic diagrams, system performance data, and calculations of energy savings achieved. By lowering electricity and fuel consumption by approximately 5%, these systems contribute to significant reductions in carbon emissions. This initiative aligns with KRR's commitment to sustainable energy management, resource efficiency, and environmentally responsible industrial practices, reinforcing its ESG and climate action goals.

Product Risk Analysis

GRI 301-3

KRR conducts systematic health and safety risk assessments to evaluate potential hazards associated with its products throughout their lifecycle. The process includes identifying chemical, physical, and operational risks, assessing exposure levels, and implementing preventive controls to protect end-users. Cross-functional teams, including R&D, quality, and EHS departments, ensure comprehensive evaluation. Findings guide product design improvements, labeling, and user instructions to mitigate identified risks. Regular review of risk assessments incorporates updated regulations, customer feedback, and new scientific data. This initiative strengthens product safety, ensures compliance with international standards, and demonstrates KRR's commitment to protecting customer health and promoting responsible product use.

FUME MITIGATION MEASURES

GRI 305-7

KRR manages odor-generating processes, including painting and solvent cleaning, within enclosed booths fitted with activated carbon filters and efficient exhaust systems. Regular maintenance and inspection of ventilation units prevent odor leakage, ensuring effective containment. Documentation such as maintenance schedules, inspection reports, and operator checklists is maintained to verify compliance and system performance. These measures enhance workplace comfort, protect employee health, and prevent odor nuisances to surrounding communities. By implementing robust odor control technologies and monitoring practices, KRR demonstrates a proactive commitment to environmental quality management, regulatory compliance, and sustainable, responsible industrial operations.

RESOURCE AUDIT INITIATIVE

GRI 301-1

KRR performs annual water audits to assess consumption patterns, identify wastage, and implement corrective actions. The audit covers all processes including cooling, cleaning, and domestic use. Recommendations from these audits have led to significant water savings through leak repair and reuse. Evidence includes audit reports, flow meter readings, and corrective action records. The initiative enhances resource efficiency and supports long-term water stewardship.



ENCLOSED CONVEYOR SYSTEMS

GRI 305-7

In projects involving bulk powder transfer, KRR implements closed conveyor systems and hermetically sealed circuits to minimize dust emissions and material spillage. These engineering solutions enhance the efficiency of material transfer while maintaining clean and safe operational environments. Supporting documentation, including detailed design drawings, equipment specifications, and commissioning certificates, is maintained to demonstrate compliance and performance. By preventing ambient dust pollution, these systems safeguard worker health and reduce environmental impact. This initiative reflects KRR's commitment to sustainable project engineering, adherence to industry best practices, and responsible management of industrial materials in alignment with ESG principles.

Product Safety Communication

GRI 301-3

KRR conducts structured awareness programs to educate customers about health and safety risks associated with its products. Comprehensive materials, including manuals, labels, digital resources, and training sessions, provide guidance on safe handling, storage, installation, and disposal. Programs highlight preventive measures, personal protective equipment requirements, and emergency response procedures. Customer feedback is actively collected to continuously improve communication effectiveness. By empowering users with clear and accurate information, KRR reduces the risk of accidents, promotes responsible product usage, and reinforces compliance with regulatory and ESG standards, demonstrating a strong commitment to end-user safety and wellbeing.

RESOURCE CONSERVATION MEASURES

GRI 301-1

KRR has significantly reduced water consumption in cleaning and degreasing operations by replacing traditional water-intensive methods with high-pressure spray systems and biodegradable degreasers that require minimal rinsing. Additionally, closed-loop rinsing systems have been implemented to recycle and reuse water, further minimizing discharge. These improvements have achieved approximately a 25% reduction in water usage during cleaning processes. Detailed equipment specifications, consumption records, and process checklists are maintained as evidence. This initiative supports KRR's broader goals of water conservation, pollution reduction, and sustainable resource management, reinforcing its commitment to responsible industrial and environmental practices.

Crisis Management System

GRI 307-1

KRR maintains a comprehensive emergency preparedness and response system to safeguard employees, customers, and the environment. The procedure includes structured risk assessment, training, and periodic emergency drills to ensure readiness for incidents such as fire, chemical spills, or equipment failure. A formal product recall process is established to identify, trace, and retrieve defective or unsafe products swiftly. Communication protocols ensure immediate notification to affected stakeholders and regulatory bodies. Corrective actions are documented to prevent recurrence. This proactive framework strengthens resilience, minimizes potential harm, and ensures compliance with statutory and ESG requirements for operational safety and product responsibility.

WORKPLACE SOUND SAFEGUARDS

GRI 305-7

KRR actively minimizes industrial noise by installing acoustic panels, vibration dampers, and silencers on high-decibel machinery across its fabrication and machining areas. Noise barriers are strategically placed near compressors, generators, and other heavy equipment to further reduce sound levels. Regular monitoring and maintenance ensure ongoing compliance with permissible noise limits prescribed by regulatory authorities. Supporting documentation, including inspection reports, maintenance logs, and photographic evidence, is maintained for verification. This initiative enhances workplace comfort, safeguards employee hearing health, and promotes a quieter, safer, and more sustainable industrial environment consistent with KRR's ESG and occupational health commitments.

SUSTAINABLE WATER STORAGE

GRI 303-1

KRR has installed rooftop and surface rainwater harvesting systems to collect and store rainwater for non-process use. Collected water is filtered and directed to recharge pits, enhancing groundwater levels. This system supplies nearly 10–15% of the facility's total water requirement annually. Supporting evidence includes site photographs, flow diagrams, and utilization records. The initiative reflects KRR's dedication to sustainable water management.

MATERIAL REUSE INITIATIVE

GRI 301-2

KRR integrates recovered input materials, including re-machined components, refurbished parts, and recycled metal scrap, into its production cycle wherever technically feasible. This approach significantly reduces the use of virgin raw materials, conserves natural resources, and minimizes waste generation. Detailed procurement records, recovery logs, and product traceability data are maintained to ensure transparency and accountability. By reusing and recycling materials within fabrication operations, KRR strengthens its commitment to the circular economy, enhances resource efficiency, and lowers environmental impact. This initiative aligns with KRR’s broader ESG goals of promoting sustainable manufacturing and responsible material utilization.



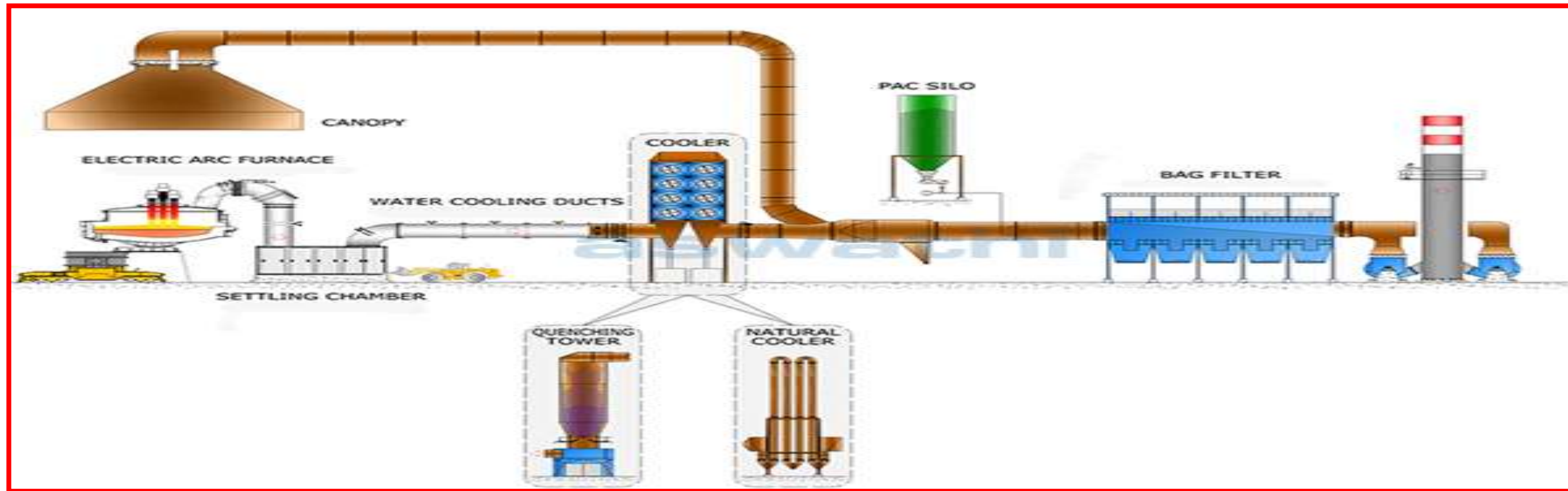
REGULATED WASTE TREATMENT



GRI 306-1

All hazardous waste, such as used oils, paint sludge, and chemical residues, undergoes specialized treatment before safe disposal through authorized vendors. KRR maintains a dedicated hazardous waste storage area with spill containment and labeling. Disposal is documented through manifest forms and vendor certificates. Evidence includes hazardous waste logs, treatment records, and authorization copies from the Pollution Control Board. This ensures full traceability, regulatory compliance, and protection of soil and groundwater resources.

INSTALLATION OF POLLUTION CONTROL EQUIPMENT FOR FUME AND DUST EXTRACTION



GRI 305-4

KRR has equipped welding, cutting, and grinding sections with advanced fume extractors and dust collection units. Filters and ducts are maintained regularly to ensure optimum performance. Air quality monitoring results confirm compliance with permissible limits. Supporting documentation includes equipment purchase invoices, inspection logs, and emission data. These systems protect workers' health and contribute to cleaner production.

Implementation Of Green Procurement Practices



GRI 301-1

KRR prioritizes suppliers who adhere to environmental standards and offer eco-friendly materials or packaging. Green procurement policies guide material selection, ensuring reduced environmental footprint. Vendor evaluation forms, purchase records, and supplier sustainability certifications are maintained as evidence. This initiative promotes sustainable sourcing and reinforces ESG compliance throughout KRR's supply chain.

Periodic Environmental Compliance Audits

GRI 307-1

KRR conducts regular internal and third-party audits to verify compliance with environmental laws, permits, and company policies. Audit findings are tracked, and corrective actions are implemented promptly. Evidence includes audit reports, checklists, and closure documentation. This systematic monitoring ensures continual improvement, transparency, and full adherence to India's environmental regulations.

Materials

GRI 301

In 2024, KRR, India managed materials, chemicals, and waste across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Sustainable material sourcing, proper chemical handling, and process optimization reduced environmental impact. Waste management initiatives included segregation, recycling, safe disposal of hazardous substances, and monitoring of material efficiency. Employee training and awareness programs reinforced responsible practices. By integrating ESG principles into materials and waste management, KRR minimizes resource consumption, ensures regulatory compliance, reduces ecological footprint, and promotes operational sustainability while fostering a culture of environmental responsibility throughout the organization.





Recycled Input Materials Used

GRI 301-2

In 2024, KRR implemented the use of biodegradable and eco-friendly materials across its manufacturing processes and packaging operations. This shift reduces environmental impact by minimizing non-degradable waste, supporting circular economy principles, and lowering the company's ecological footprint. Employees and suppliers were trained on proper handling and disposal practices for these sustainable materials. The initiative contributes to compliance with environmental regulations, aligns with global sustainability standards, and enhances resource efficiency. By prioritizing eco-friendly materials, KRR demonstrates its commitment to sustainable industrial practices and the protection of local ecosystems.

In 2024, KRR, India utilized [insert percentage]% of recycled input materials across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. The company prioritized sustainable sourcing by selecting materials with high recycled content, reducing reliance on virgin resources, and minimizing environmental impact. Process improvements and material optimization initiatives were implemented to enhance resource efficiency and waste reduction. By integrating ESG principles into material management, KRR promotes circular economy practices, supports environmental stewardship, and reinforces its commitment to sustainable manufacturing, operational efficiency, and responsible supply chain management throughout the organization.

Energy

GRI 302

In 2024, KRR, India monitored and optimized energy consumption across design, fabrication, machining, profile formation, dishing, and erection operations. Advanced energy-efficient technologies and process improvements reduced electricity demand and greenhouse gas (GHG) emissions, contributing to lower environmental impact. Renewable energy integration and operational efficiency measures further minimized carbon footprint. By systematically tracking energy usage and GHG emissions, KRR aligns its operations with ESG objectives, regulatory requirements, and national sustainability frameworks. These initiatives demonstrate the company's commitment to environmental responsibility, climate action, and sustainable industrial practices while promoting operational efficiency and long-term ecological stewardship.



Energy Consumption Within the Organization – Renewable Energy

GRI 302-1

In 2024, KRR, India tracked total renewable energy consumption across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Renewable sources such as solar, wind, and bioenergy were integrated into electricity and heating systems to reduce dependence on fossil fuels. Energy efficiency measures and process optimizations complemented renewable adoption. By incorporating ESG principles, KRR demonstrates commitment to sustainable operations, lowers environmental impact, reduces greenhouse gas emissions, and supports long-term climate responsibility and energy transition goals.

In 2024, KRR, India tracked total energy consumption across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Energy usage from electricity, fuel, and other sources was monitored to optimize efficiency and reduce environmental impact. The company implemented energy-saving technologies, process improvements, and employee awareness programs to minimize consumption. By integrating ESG principles into energy management, KRR enhances operational sustainability, reduces carbon footprint, and demonstrates commitment to responsible resource use and long-term environmental stewardship.



Energy Efficiency and GHG Emission Reduction

GRI 302-4

KRR organized training programs to educate employees on efficient energy use, renewable energy adoption, and emission reduction practices. The sessions focused on building awareness of climate change, emphasizing the importance of sustainable energy management in daily operations. Employees learned practical methods to reduce energy consumption, minimize environmental impact, and support the company's carbon reduction goals. By fostering energy-conscious behavior, KRR promotes a culture of responsibility and environmental stewardship. These initiatives align with the company's broader sustainability objectives, encouraging innovation and collective action toward a greener future while reinforcing its commitment to environmental protection and operational efficiency.

In 2024, KRR invested in advanced energy-efficient technologies and equipment to improve environmental performance and reduce energy consumption across its operations. These technologies surpass conventional industry standards by lowering electricity demand, optimizing process efficiency, and minimizing greenhouse gas emissions. The upgrades are integral to KRR's broader strategy to mitigate climate impacts and transition toward sustainable industrial practices. By adopting innovative solutions, the company demonstrates its commitment to environmental responsibility, continuous improvement, and operational excellence. This initiative aligns with KRR's ESG objectives and national sustainability frameworks, reinforcing a culture of sustainable innovation and long-term ecological stewardship.

Water Withdrawal by Source

GRI 303-1

In 2024, KRR, India managed water use across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Water efficiency measures, including recycling, process optimization, and monitoring of withdrawal from municipal and industrial sources, reduced overall consumption and minimized environmental impact. Employee awareness programs encouraged responsible water use throughout the organization. By integrating ESG principles into water management, KRR ensures sustainable resource utilization, regulatory compliance, and environmental stewardship. These initiatives support operational efficiency, reduce ecological footprint, and demonstrate the company's commitment to responsible and sustainable industrial practices.



Water Recycling and Reuse

GRI 303-5

In 2024, KRR, India measured the total amount of water recycled and reused across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Water from manufacturing processes, cooling systems, and cleaning activities was treated and reused to minimize freshwater consumption. The company implemented filtration, treatment, and process optimization measures to enhance water efficiency. By integrating ESG principles, KRR demonstrates responsible resource management, reduces environmental impact, promotes sustainability, and strengthens commitment to long-term ecological stewardship.

In 2024, KRR, India monitored total water consumption across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for industries such as Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer. Water was utilized in manufacturing processes, cooling, sanitation, and facility maintenance. The company implemented water-saving technologies, recycling initiatives, and awareness programs to reduce usage and enhance efficiency. By integrating ESG principles into water management, KRR ensures responsible consumption, minimizes environmental impact, supports sustainable operations, and reinforces its commitment to resource stewardship and long-term ecological sustainability.



In 2024, KRR conducted systematic environmental monitoring through wastewater, noise, and air pollution testing at its facilities. These assessments ensured compliance with local environmental regulations, verified the effectiveness of pollution control measures, and identified areas for improvement. Wastewater testing evaluated effluent quality, noise testing measured workplace and surrounding sound levels, and air quality testing monitored emissions from industrial operations. This initiative reflects KRR's proactive approach to environmental stewardship, continuous impact reduction, and the adoption of best practices in industrial sustainability, safeguarding the health of employees, nearby communities, and the environment.

Biodiversity

GRI 304

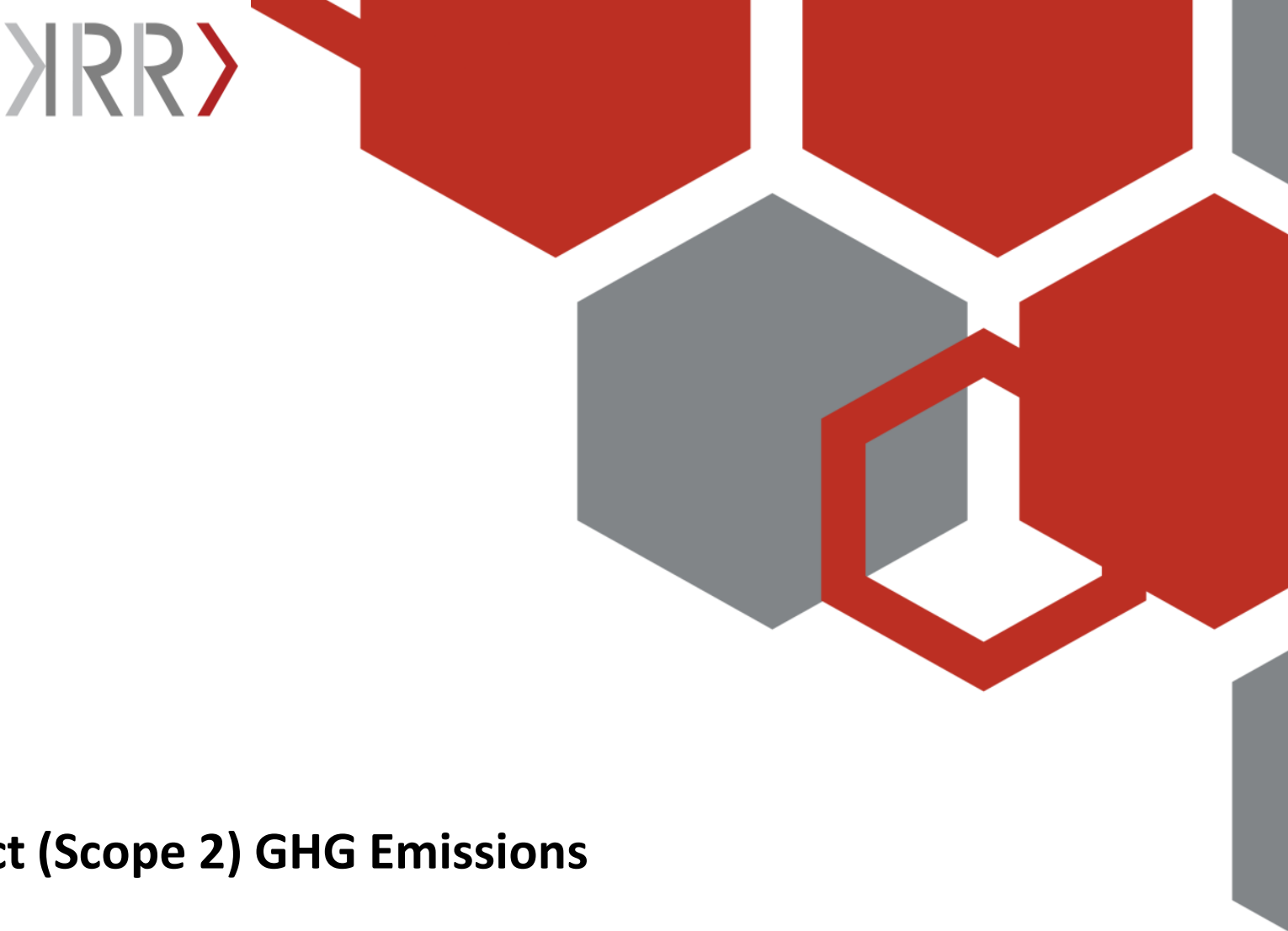
In 2024, KRR, India assessed and managed its impact on biodiversity across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Measures included careful site selection, habitat preservation, and monitoring of local ecosystems to prevent negative environmental effects. Employee training and awareness programs emphasized biodiversity conservation and responsible resource use. By integrating ESG principles into operational planning, KRR promotes environmental stewardship, minimizes ecological footprint, and supports sustainable industrial practices. These initiatives demonstrate the company's commitment to protecting biodiversity while maintaining efficient and responsible manufacturing operations.



Direct (Scope 1) GHG Emissions

GRI 305-1

In 2024, KRR, India reported total gross Scope 1 greenhouse gas (GHG) emissions from its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Emissions were measured from stationary and mobile fuel combustion, process-related activities, and other direct sources. The company implemented energy-efficient technologies, optimized production processes, and monitored fuel use to reduce carbon footprint. By integrating ESG principles into operational planning, KRR promotes climate responsibility, ensures regulatory compliance, and supports sustainable industrial practices. These efforts demonstrate the company’s commitment to environmental stewardship, emission reduction, and long-term ecological sustainability.



Energy Indirect (Scope 2) GHG Emissions

GRI 305-2

In 2024, KRR, India calculated total gross Scope 2 greenhouse gas (GHG) emissions from purchased electricity, steam, heating, and cooling across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Both market-based and location-based approaches were applied to measure emissions accurately. Energy efficiency measures, renewable energy integration, and optimized consumption practices contributed to reducing the indirect carbon footprint. By incorporating ESG principles into energy management, KRR promotes climate responsibility, operational sustainability, and environmental stewardship, supporting long-term corporate sustainability goals and compliance with international climate frameworks.

Other Indirect (Scope 3) GHG Emissions – Upstream

GRI 305-3

In 2024, KRR, India measured total gross Scope 3 upstream greenhouse gas (GHG) emissions related to its supply chain activities, including raw material extraction, supplier manufacturing, transportation, and procurement processes for pressure vessels, autoclaves, heat exchangers, and boiler components. The company collaborated with suppliers to assess and reduce emissions, optimized logistics, and encouraged sustainable sourcing practices. By integrating ESG principles into upstream Scope 3 management, KRR mitigates indirect environmental impacts, enhances supply chain transparency, and promotes climate-conscious operations. These initiatives demonstrate the company's commitment to comprehensive environmental stewardship, responsible industrial practices, and long-term sustainability across its value chain.

In 2024, KRR, India evaluated total gross Scope 3 downstream greenhouse gas (GHG) emissions associated with the use, transportation, and end-of-life management of its products, including pressure vessels, autoclaves, heat exchangers, and boiler components. Emissions from product distribution, customer operations, and disposal were quantified and analyzed. The company implemented measures to optimize logistics, promote energy-efficient product use, and encourage responsible disposal practices. By integrating ESG principles into downstream Scope 3 management, KRR enhances transparency, reduces carbon footprint, and demonstrates climate responsibility across the product lifecycle, supporting sustainable operations and long-term environmental stewardship throughout its industrial value chain.

In 2024, KRR, India assessed total gross Scope 3 greenhouse gas (GHG) emissions across its value chain, including upstream and downstream activities related to design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Scope 3 emissions covered supplier operations, transportation, material sourcing, and product use. The company collaborated with suppliers to reduce emissions, optimized logistics, and promoted sustainable procurement practices. By integrating ESG principles into Scope 3 management, KRR enhances transparency, mitigates climate impact, and demonstrates commitment to comprehensive environmental responsibility, supporting long-term sustainability and climate-conscious industrial operations.

Nitrogen Oxides (NOx), Sulfur Oxides (SOx), and Other Significant Air Emissions

GRI 305-7

In 2024, KRR, India monitored the total weight of air pollutants generated across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Emissions of NOx, SOx, particulate matter, and volatile organic compounds were measured and controlled through filtration systems, process optimizations, and energy-efficient technologies. By integrating ESG principles, KRR reduces atmospheric pollution, minimizes environmental impact, ensures regulatory compliance, and demonstrates commitment to sustainable industrial practices and long-term environmental stewardship.

In 2024, KRR, India monitored and controlled air emissions from its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Advanced emission control technologies, process optimization, and regular maintenance reduced pollutants such as NOx, SOx, and particulate matter. Continuous monitoring ensured compliance with environmental regulations and minimized impact on surrounding communities. By integrating ESG principles into air quality management, KRR demonstrates environmental responsibility, mitigates health risks, and supports sustainable industrial operations. These measures reinforce the company's commitment to pollution reduction, operational efficiency, and ecological stewardship.



Waste by Type and Disposal Method – Waste Recovered

GRI 306-2

In 2024, KRR, India monitored the total weight of waste recovered across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Waste materials, including metal scraps, packaging, and process residues, were collected, sorted, and reprocessed for reuse or recycling. ESG-driven initiatives ensured efficient resource utilization, reduced landfill contributions, and minimized environmental impact. By integrating sustainable waste recovery practices, KRR demonstrates commitment to circular economy principles, environmental responsibility, and long-term operational sustainability.

In 2024, KRR, India measured the total weight of non-hazardous waste generated across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Non-hazardous waste, including metal scraps, packaging materials, and general operational waste, was segregated, recycled, and responsibly disposed of according to environmental regulations. Through ESG-focused initiatives, KRR reduces landfill impact, promotes circular economy practices, enhances resource efficiency, and demonstrates its commitment to sustainable industrial operations, environmental stewardship, and long-term ecological responsibility.



Waste generated

GRI 306-3

In 2024, KRR, India tracked the total weight of hazardous waste generated across its operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Hazardous materials, including chemical residues, lubricants, and contaminated consumables, were collected, treated, and disposed of following regulatory standards. The company implemented waste minimization, segregation, and recycling practices to reduce environmental impact. By integrating ESG principles, KRR ensures responsible hazardous waste management, promotes workplace safety, maintains compliance, and demonstrates commitment to sustainable industrial and environmental practices.

Supplier Environmental and Social Assessment

GRI 308-1

KRR provided specialized training for buyers to assess supplier practices related to human rights, labor conditions, and environmental management. The programs emphasized evaluating suppliers for compliance with ethical, legal, and sustainability standards, ensuring that sourcing decisions support responsible business practices. Employees learned to identify risks, monitor performance, and engage suppliers in continuous improvement initiatives. By equipping buyers with these skills, KRR promotes sustainable supply chains, minimizes reputational and operational risks, and reinforces accountability across procurement processes. These efforts ensure that suppliers uphold the company's values and commitments to ethical conduct, social responsibility, and environmental stewardship throughout their operations.

In 2024, KRR conducted sustainability assessments covering 85% of its targeted suppliers. These assessments evaluated environmental performance, labor practices, human rights compliance, and adherence to ethical standards across suppliers supporting operations in design, heavy fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. The evaluation process identifies risks, drives corrective actions, and promotes continuous improvement in ESG performance. By systematically assessing suppliers, KRR ensures a responsible and sustainable supply chain aligned with corporate ESG objectives and industry best practices.

In 2024, KRR ensured that 92% of its targeted suppliers had contracts incorporating explicit clauses on environmental protection, labor standards, and human rights compliance. These suppliers contribute to KRR's operations in designing, fabricating, machining, profile formation, dishing, and erecting pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. Contractual clauses reinforce adherence to ESG principles, including ethical labor practices, pollution prevention, and responsible resource management. Regular audits and supplier engagement programs verify compliance, promoting a sustainable, ethical, and accountable supply chain aligned with KRR's corporate responsibility and ESG commitments.

In 2024, KRR, India achieved 95% compliance among its targeted suppliers in signing the company's Supplier Code of Conduct. These suppliers support KRR's design, fabrication, machining, profile formation, dishing, and erection operations for pressure vessels, autoclaves, heat exchangers, and boiler components in Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. The Code emphasizes ESG principles, including labor rights, environmental responsibility, anti-corruption practices, and ethical governance. Supplier onboarding, training, and monitoring ensure alignment with KRR's sustainability standards. This initiative strengthens transparency, accountability, and responsible procurement, reinforcing KRR's commitment to ethical, sustainable, and resilient supply chain management.

Negative Environmental and Social Impacts in the Supply Chain / Supplier Social Assessment

GRI 308-2

In 2024, KRR engaged 85% of its audited or assessed suppliers in corrective actions or capacity-building initiatives to improve ESG performance. These suppliers, involved in the supply of materials and services for pressure vessels, autoclaves, heat exchangers, and boiler components, underwent on-site assessments and remote evaluations covering environmental compliance, labor standards, human rights, and ethical practices. KRR provided guidance, training, and resources to address gaps and enhance sustainability capabilities. This proactive approach ensures continuous improvement, strengthens supplier accountability, mitigates risks in the supply chain, and aligns operations with KRR's ESG commitments and industry best practices.

In 2024, KRR conducted on-site sustainability audits for 60% of its targeted suppliers. These audits evaluated environmental compliance, labor conditions, human rights adherence, and ethical business practices across suppliers engaged in design, heavy fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components for Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. On-site verification allowed KRR to identify gaps, implement corrective measures, and foster continuous ESG improvements. This proactive approach ensures that supplier operations align with KRR's sustainability commitments and support a responsible, resilient supply chain.



ENVIRONMENT PERFORMANCE DATA

GRI : 301

106645.42 Liters

Materials, chemicals, and waste
Waste to landfill

GRI : 301-2

100 %

Percentage of recycled input material out of total materials consumed
Percentage of recycled input material out of total materials consumed

GRI : 302

719228 Kwh

Energy consumption and GHGs
Total Energy Consumption & GHGs

GRI : 302-1

719228 Kwh

Total energy consumption
Total energy consumption

GRI : 302-1

0 Kwh

Total renewable energy consumption

Total renewable energy consumption

GRI : 303

1400.08 Liters

Water

Quantity of Water Pollution

GRI : 303-3

843.12 Liters

Total amount of water recycled and reused

Total amount of water recycled and reused

GRI : 303-5

3372.42 Liters

Total water consumption

Total water consumption

GRI : 304

17 %

Biodiversity

Percentage of Green Landscape

GRI : 305-7

106645.42 Liters

Air pollution

Air quality Index

GRI : 305-1

2.668 MTCO₂e

Total gross Scope 1 GHG emissions

Reduction target for Scope 1 emissions

GRI : 305-2

523.81 MTCO₂e

Total gross Scope 2 GHG emissions (market or location based)

Reduction target for Scope 2 emissions

GRI : 305-3

31284.49 MTCO₂e

Total gross Scope 3 GHG emissions

Reduction target for Scope 3 emissions

GRI : 305-3

230.249 MTCO₂e

Total gross Scope 3 Downstream GHG emissions

Reduction target for Scope 3 Downstream emissions

GRI : 305-3

31054.24 MTCO₂e

Total gross Scope 3 Upstream GHG emissions

Reduction target for Scope 3 Upstream emissions

GRI : 305-7

0.83 Metric Tons

Total weight of air pollutants

Total weight of air pollutants

GRI : 306-3

5119.38 Kgs

Total weight of hazardous waste

Reduce the weight of hazardous waste in kgs

GRI : 306-3

11269.83 Kgs

Total weight of non-hazardous waste

Reduce the weight of non-hazardous waste in kgs

GRI : 306-4

3380.95 Kgs

Total weight of waste recovered

Increase the Total weight of waste recovered

GRI : 308-1

100 %

Percentage of targeted suppliers who have signed the supplier code of conduct

Percentage of supplier signed the code of conduct

GRI : 308-1

100 %

Percentage of targeted suppliers with contracts that include clauses on environmental, labor, and human rights requirements

Percentage of supplier with contract that include clauses on environmental, labor, and human rights requirements

GRI : 308-2

100 %

Percentage or number of targeted suppliers covered by a sustainability assessment

Percentage of suppliers covered by Sustainability Assessment

GRI : 308-2

100 %

Percentage or number of targeted suppliers covered by a sustainability on-site audit

Percentage of suppliers covered by a Sustainability on-site audit

GRI : 308-2

100 %

Percentage or number of audited or assessed suppliers engaged in corrective actions or capacity building

Percentage or number of audited/assessed suppliers engaged in corrective

SOCIAL



UN SDGs aligned





Employment

GRI 401

In 2024, KRR, India focused on improving working conditions across design, fabrication, machining, profile formation, dishing, and erection operations. Initiatives included ergonomic workplace design, clean and well-lit facilities, rest areas, and hygiene maintenance. Regular feedback from employees informed continuous improvements, ensuring comfort, safety, and well-being. Flexible scheduling, leave planning, and work-life balance programs further enhanced employee satisfaction. By integrating ESG principles, KRR fosters a safe, inclusive, and productive work environment that promotes employee health, reduces risks, and supports operational efficiency. These efforts reinforce the company's commitment to ethical labor practices and responsible workforce management.





Benefits Provided to Full-Time Employees

GRI 401-2

KRR introduced family-friendly initiatives such as maternity and paternity leave, welfare assistance, and flexible work arrangements to support employees in balancing personal and professional responsibilities. These programs promote employee satisfaction, motivation, and productivity while fostering a positive work environment. By emphasizing the importance of family life, KRR enhances retention and morale, contributing to long-term organizational success. This approach reflects KRR's human-centric culture, where social well-being and employee welfare are integral to its values. Through such initiatives, KRR reinforces its commitment to creating an inclusive, compassionate, and sustainable workplace that values both professional excellence and personal fulfillment.

KRR implemented a range of family-friendly programs, including maternity and paternity leave, flexible shift arrangements, and comprehensive employee welfare support. These initiatives help employees balance personal and professional responsibilities, reducing stress and enhancing overall well-being. By promoting work-life balance, KRR improves morale, engagement, and employee retention, fostering a supportive and inclusive workplace culture. Such measures reflect the company's commitment to valuing employees as individuals and addressing their diverse needs. Through these programs, KRR not only strengthens workforce satisfaction but also reinforces its philosophy of holistic employee well-being, contributing to sustained organizational performance and a positive work environment.



Parental Leave and Work Flexibility

GRI 401-3

KRR promotes a flexible work organization by implementing adaptable shift schedules, well-planned leave structures, and efficient time management options. These measures enable employees to balance personal, family, and professional responsibilities effectively. The approach enhances employee satisfaction, productivity, and engagement while ensuring operational continuity. By fostering flexibility, KRR builds a culture of trust, inclusiveness, and mutual respect, empowering employees to perform at their best. Such initiatives also support overall well-being, reduce burnout, and strengthen organizational commitment. Through these practices, KRR demonstrates its dedication to creating a supportive and efficient workplace that values both people and performance equally.

KRR introduced flexible scheduling and leave management practices to help employees balance personal responsibilities with work commitments while ensuring consistent productivity. These measures allow staff to manage their time effectively, reducing stress and supporting overall well-being. By accommodating individual needs, KRR fosters a culture of trust, inclusiveness, and mutual respect. Employees feel valued and empowered, which enhances engagement, motivation, and job satisfaction. This approach not only supports operational efficiency but also strengthens loyalty and retention. Through such initiatives, KRR demonstrates its commitment to creating a responsive, employee-centered workplace that prioritizes both performance and personal well-being.

Minimum notice periods regarding operational changes

GRI 402-9

In 2024, KRR, India maintained proactive social dialogue with employees and their representatives across design, fabrication, machining, profile formation, dishing, and erection operations. Regular consultations and meetings ensured alignment on training, career development, operational changes, and workplace policies. Transparent communication channels fostered mutual trust, employee empowerment, and shared responsibility in decision-making. By integrating ESG principles into social dialogue practices, KRR strengthened workforce engagement, collaboration, and inclusivity. These initiatives ensure that employee perspectives are considered in organizational planning, reinforce fair labor practices, and contribute to a positive work environment, enhancing both operational effectiveness and employee satisfaction.





Occupational Health and Safety Management System

GRI 403-1

In 2024, KRR, India prioritized employee health and safety across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. The company implemented comprehensive occupational health and safety programs, including regular safety inspections, medical checkups, PPE compliance, hazard identification, emergency drills, and targeted training. Contractors and third-party workers also received site-specific safety inductions. These measures minimized work-related incidents and promoted a culture of vigilance, well-being, and compliance. Integrating ESG principles into health and safety practices ensures operational continuity, employee protection, and a responsible, sustainable workplace environment.



Hazard Identification, Risk Assessment, and Incident Investigation

GRI 403-2

KRR prioritized proactive health and safety management by implementing regular workplace inspections, medical checkups, and comprehensive safety audits. These measures identify potential hazards early and ensure that preventive actions are taken promptly. Continuous monitoring allows the organization to track safety performance, address risks effectively, and maintain compliance with regulatory standards. Corrective actions are implemented wherever gaps or issues are identified, fostering a safe and secure work environment. By emphasizing prevention, vigilance, and accountability, KRR minimizes workplace incidents, protects employee well-being, and reinforces a culture of safety. These efforts demonstrate the company's commitment to operational excellence and responsible workforce management.

KRR prioritized employee health and safety by organizing regular safety inspections, medical checkups, and emergency drills across all operational areas. These proactive measures helped identify potential hazards, ensure compliance with safety regulations, and maintain a secure work environment. Through periodic assessments, KRR strengthened its ability to prevent workplace incidents and protect employee well-being. The company also encouraged a culture of vigilance and shared responsibility, where every employee contributes to maintaining safe practices. By integrating continuous monitoring and preventive actions, KRR demonstrates its strong commitment to occupational health, safety excellence, and the overall welfare of its workforce.



Occupational Health Services

GRI 403-3

KRR conducted regular fire drills and emergency response training to enhance employee preparedness for potential workplace emergencies. The programs focused on familiarizing staff with evacuation routes, safety protocols, and proper use of emergency equipment. Employees were also trained in basic first-aid procedures to respond effectively during incidents. By reinforcing practical skills and situational awareness, KRR ensures a prompt, organized, and safe response to emergencies. These initiatives strengthen overall workplace safety, reduce risks, and build employee confidence in handling unexpected situations. Through continuous drills and education, KRR demonstrates its commitment to protecting employee well-being and maintaining a secure work environment.

Worker Training on Occupational Health and Safety

GRI 403-5

KRR organized comprehensive safety training programs to enhance employee awareness of health and safety risks, hazard identification, and safe work practices. The sessions emphasized the correct use of Personal Protective Equipment (PPE), safe machinery handling, and emergency preparedness procedures. Employees were encouraged to proactively identify and report unsafe conditions, fostering shared responsibility for workplace safety. This preventive approach strengthens KRR's safety culture, minimizes the risk of incidents, and ensures full compliance with statutory regulations and client safety standards. Through continuous training and awareness, KRR demonstrates its commitment to maintaining a safe, compliant, and accident-free work environment.

KRR conducted comprehensive Occupational Health and Safety (OHS) training for all employees, covering workplace hazards, emergency response procedures, proper use of personal protective equipment (PPE), and safe work practices. The training aimed to raise awareness, equip employees with practical safety knowledge, and prevent workplace incidents. By emphasizing proactive risk identification and mitigation, KRR fosters a culture of safety, responsibility, and vigilance across all departments. These programs ensure that employees are prepared to handle emergencies effectively while maintaining daily operational safety. Through continuous OHS education, KRR reinforces its commitment to protecting employee well-being and sustaining a secure, compliant work environment.

KRR provided specialized safety training to employees working in fabrication, welding, and machining areas. The programs focused on proper equipment handling, identifying and preventing workplace hazards, and safe lifting techniques to reduce the risk of injury. Workers were educated on operational best practices, emergency response procedures, and the correct use of personal protective equipment (PPE). By emphasizing practical skills and hazard awareness, KRR ensures a safer work environment and promotes a culture of vigilance and responsibility. These initiatives enhance employee confidence, prevent accidents, and support operational efficiency while reinforcing the company's commitment to health, safety, and workplace well-being.





Promotion of Worker Health

GRI 403-6

KRR implemented multiple initiatives to enhance overall working conditions, emphasizing workplace ergonomics, proper lighting, hygienic facilities, and clean rest areas. Regular employee feedback was collected to identify and address improvement areas, ensuring that workspaces remained comfortable and efficient. These actions not only improved employee satisfaction but also contributed to better safety standards, higher productivity, and stronger morale. By maintaining a clean, safe, and supportive work environment, KRR reinforced its commitment to employee welfare and operational excellence. Such continuous enhancements reflect KRR's proactive approach to fostering a workplace culture centered on well-being, respect, and sustained performance.

KRR implemented regular facility upgrades, ergonomic enhancements, and employee welfare programs to create a healthy, safe, and comfortable work environment. Workstations, lighting, and common areas were improved to support productivity and well-being. Employee feedback was actively sought and incorporated into planning, ensuring that workplace improvements addressed real needs and preferences. This continuous improvement approach promotes satisfaction, engagement, and morale across all departments. By prioritizing both physical comfort and operational efficiency, KRR demonstrates its commitment to employee welfare. These initiatives reinforce a positive organizational culture, encourage open communication, and support long-term workforce health, safety, and productivity.

Prevention and Mitigation of OHS Impacts Directly Linked by

Business Relationships

GRI 403-7

KRR implemented safety induction and awareness programs for contract workers and visitors to ensure a safe working environment. These sessions focused on site-specific hazards, proper PPE usage, and adherence to safe work practices. Regular supervision, monitoring, and toolbox talks promoted consistent compliance with occupational safety standards. This proactive initiative highlights KRR's commitment to protecting the health and well-being of everyone on its premises, including contractors and visitors. By extending safety measures beyond direct employees, KRR fosters a strong culture of responsibility, awareness, and continuous improvement in workplace safety across all levels of its operations.

KRR ensured that all contractors and third-party workers underwent thorough safety inductions and site-specific training before starting any tasks. The programs included toolbox talks, equipment and PPE checks, and ongoing safety supervision to reinforce proper practices. These measures ensured that external personnel were aware of workplace hazards, compliance requirements, and emergency procedures. By maintaining consistent safety standards across all operations, KRR minimized risks and promoted a culture of shared responsibility for health and safety. Such initiatives protect both employees and contractors, strengthen operational reliability, and demonstrate the company's commitment to proactive, comprehensive workplace safety management.

KRR conducted comprehensive chemical safety training for employees, focusing on the proper handling, labeling, and storage of hazardous materials. The sessions covered emergency response procedures, spill prevention techniques, and safe disposal methods to minimize risks in the workplace. Employees were educated on identifying potential hazards and following protocols to protect themselves, colleagues, and the environment. By reinforcing best practices in chemical management, KRR promotes a culture of safety, responsibility, and compliance with regulatory standards. These initiatives ensure that staff are equipped to manage chemical-related tasks safely, reducing incidents and supporting overall operational safety and environmental protection.

In 2024, KRR conducted comprehensive emergency mock drills covering heavy equipment incidents, employee injuries, fires, chemical spills, explosions, and falls. These exercises tested the effectiveness of emergency response procedures, employee readiness, and coordination among safety teams. Drills were designed to identify gaps, reinforce safety protocols, and ensure rapid, efficient, and safe responses to potential workplace hazards. Regular mock drills foster a strong safety culture, minimize risks, and protect employees, contractors, and assets. This proactive approach demonstrates KRR's commitment to occupational health and safety, risk management, and continuous improvement in emergency preparedness.

Work-related injuries

GRI 403-9

In 2024, KRR, India monitored the total number of hours worked by all employees across design, fabrication, machining, profile formation, dishing, and erection operations. Structured work schedules, shift planning, and leave management ensured compliance with legal requirements and promoted a healthy work-life balance. Employees were encouraged to adhere to standard working hours, with overtime monitored and managed responsibly. Tracking hours worked supports operational efficiency, employee well-being, and fair labor practices. By integrating ESG principles into workforce management, KRR reinforces transparency, accountability, and ethical labor standards, ensuring a productive, safe, and sustainable working environment across all operational functions.

In 2024, KRR, India closely monitored workplace safety across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. The company reported minimal days lost due to work-related injuries, with zero fatalities and negligible cases of occupational ill health. Regular safety audits, training programs, PPE usage, and proactive hazard management contributed to maintaining a safe working environment. By integrating ESG principles into health and safety practices, KRR ensures employee well-being, operational continuity, and compliance with regulatory standards, reinforcing a culture of safety, accountability, and responsible business conduct.

In 2024, KRR, India monitored work-related accidents across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. The company recorded a minimal number of work-related accidents due to rigorous safety protocols, regular training, PPE compliance, and proactive hazard identification. Safety awareness campaigns and continuous supervision further minimized risks, ensuring a secure workplace. By integrating ESG principles into occupational health and safety management, KRR reinforces employee well-being, operational continuity, and regulatory compliance. These measures promote a culture of safety, accountability, and responsible business practices across the organization.



Average Hours of Training per Year per Employee

GRI 404-1

KRR provided employees with regular skills development training encompassing design, fabrication, machining, and welding, ensuring comprehensive technical growth. The programs also focused on enhancing soft skills, such as communication, teamwork, and problem-solving, creating well-rounded professionals. Structured learning pathways were implemented to guide employee development systematically, supporting operational excellence and productivity. By investing in continuous education, KRR ensures its workforce remains competitive, innovative, and adaptable within the engineering industry. This commitment to skill enhancement not only improves individual performance but also strengthens overall organizational capability, fostering a culture of learning, growth, and sustained excellence across all technical and professional functions.



In 2024, KRR employees participated in an average of 12–16 hours of structured training covering health, safety, and professional development topics. The programs were designed to enhance skills, knowledge, and awareness across all departments, ensuring that employees remain competent, confident, and aligned with organizational standards. By providing continuous learning opportunities, KRR supports operational excellence, workplace safety, and individual career growth. The training also reinforces a culture of accountability, preparedness, and professional development. Through these initiatives, KRR ensures that its workforce is equipped to meet evolving challenges, maintain high performance, and contribute effectively to the company's long-term success and sustainability goals.

KRR conducted technical and professional skills development programs to enhance employee productivity, efficiency, and innovation. Structured training sessions focused on key areas such as fabrication, welding, and workplace safety, ensuring employees gained both practical and theoretical expertise. These programs provided opportunities for hands-on learning and knowledge reinforcement, equipping staff with the skills needed to perform tasks effectively and safely. By investing in continuous skill development, KRR supports operational excellence, reduces errors, and promotes innovation within the workforce. These initiatives strengthen employee confidence, competence, and engagement while contributing to the company's overall performance and long-term competitiveness in the engineering and construction sectors.





KRR employees participated in an average of 12–16 hours of structured training annually, covering key areas such as workplace safety, environmental awareness, and professional development. These sessions aimed to strengthen employee competencies, promote sustainable practices, and ensure compliance with industry standards. The training encouraged continuous learning and skill enhancement, enabling staff to perform effectively and responsibly. By investing in regular education, KRR fosters a culture of safety, accountability, and innovation. This commitment to employee development not only improves individual performance but also supports long-term organizational growth, operational excellence, and alignment with the company’s sustainability objectives.


In 2024, KRR, India provided its employees with an average of 12–16 hours of structured training per individual, covering areas such as health and safety, technical skills, environmental awareness, and professional development. Training programs were tailored for employees across design, fabrication, machining, profile formation, dishing, and erection operations to enhance competencies, operational efficiency, and workplace safety. By investing in continuous learning, KRR promotes employee growth, engagement, and adaptability to evolving industry standards. Integrating ESG principles into training ensures that staff are equipped to support sustainable practices, ethical operations, and long-term organizational excellence, fostering a skilled and responsible workforce.



Programs for Upgrading Employee Skills and Transition Assistance Programs

GRI 404-2

KRR implemented structured training programs on career management to promote professional growth and strengthen internal capabilities. The sessions emphasized leadership development, technical skill enhancement, and personal growth, empowering employees to align their career paths with the company's long-term strategic goals. This initiative fosters greater engagement, retention, and a culture of continuous learning within the organization. By prioritizing upskilling and knowledge sharing, KRR ensures its workforce remains competent, adaptable, and future-ready to meet evolving challenges in the process equipment and heavy fabrication industries, reinforcing its commitment to employee development and organizational excellence.



KRR implemented additional initiatives to reinforce career progression frameworks, including structured mentoring programs and leadership development opportunities. Employees received guidance and support to set clear growth objectives that align with both personal ambitions and the company's broader sustainability strategy. These programs foster skill enhancement, knowledge sharing, and professional confidence, preparing employees for future leadership roles. By integrating sustainability-focused goals into career planning, KRR ensures that workforce development contributes to long-term organizational impact and responsible business practices. This approach strengthens employee engagement, retention, and performance while cultivating a culture of continuous learning, accountability, and strategic alignment with corporate values.

KRR implemented structured career management programs designed to enhance employee capabilities and leadership potential. Training sessions emphasized personal growth, skill development, and technical upskilling aligned with organizational goals. These initiatives support internal mobility, succession planning, and the creation of a motivated, high-performing workforce. By providing clear pathways for career advancement, KRR fosters employee engagement, loyalty, and a culture of continuous learning. The programs not only strengthen individual performance but also contribute to overall operational excellence. Through sustained investment in career growth, KRR ensures long-term organizational resilience, talent retention, and alignment with its sustainability and business objectives.



KRR implemented additional mentoring initiatives, leadership coaching, and internal promotion programs to foster continuous professional growth among employees. These efforts provided guidance, skill enhancement, and opportunities for career advancement aligned with both individual aspirations and organizational objectives. Through structured mentorship and leadership development, employees gained the confidence and capabilities needed to take on greater responsibilities. Internal promotion practices motivated staff to excel and remain committed to long-term growth within the company. By aligning career development with business goals, KRR cultivates a high-performing, future-ready workforce while reinforcing a culture of learning, recognition, and shared success across all levels.

In 2024, KRR, India implemented comprehensive career management and training programs across design, fabrication, machining, profile formation, dishing, and erection operations. Employees participated in structured learning covering technical skills, safety, environmental awareness, leadership development, and personal growth. Mentoring, coaching, and internal promotion opportunities supported career progression and alignment with the company's sustainability strategy. These programs enhanced workforce capabilities, motivation, and retention while fostering a culture of continuous learning. By integrating ESG principles into training and career development, KRR ensures equitable access to skill-building, supports operational excellence, and promotes employee empowerment and long-term professional growth.

Diversity and Equal Opportunity

GRI 405

In 2024, KRR, India assessed the ratio of annual total compensation for its highest-paid individual to the median annual total compensation of all employees across design, fabrication, machining, profile formation, dishing, and erection operations. The analysis ensured transparency and fairness in compensation practices, reflecting the company's commitment to equitable pay and responsible corporate governance. Findings were reviewed to maintain balance between executive remuneration and workforce wages while fostering motivation and trust. By integrating ESG principles into compensation management, KRR promotes accountability, social equity, and ethical labor practices, strengthening workforce confidence, engagement, and long-term organizational sustainability.





Diversity of Employees

GRI 405-1

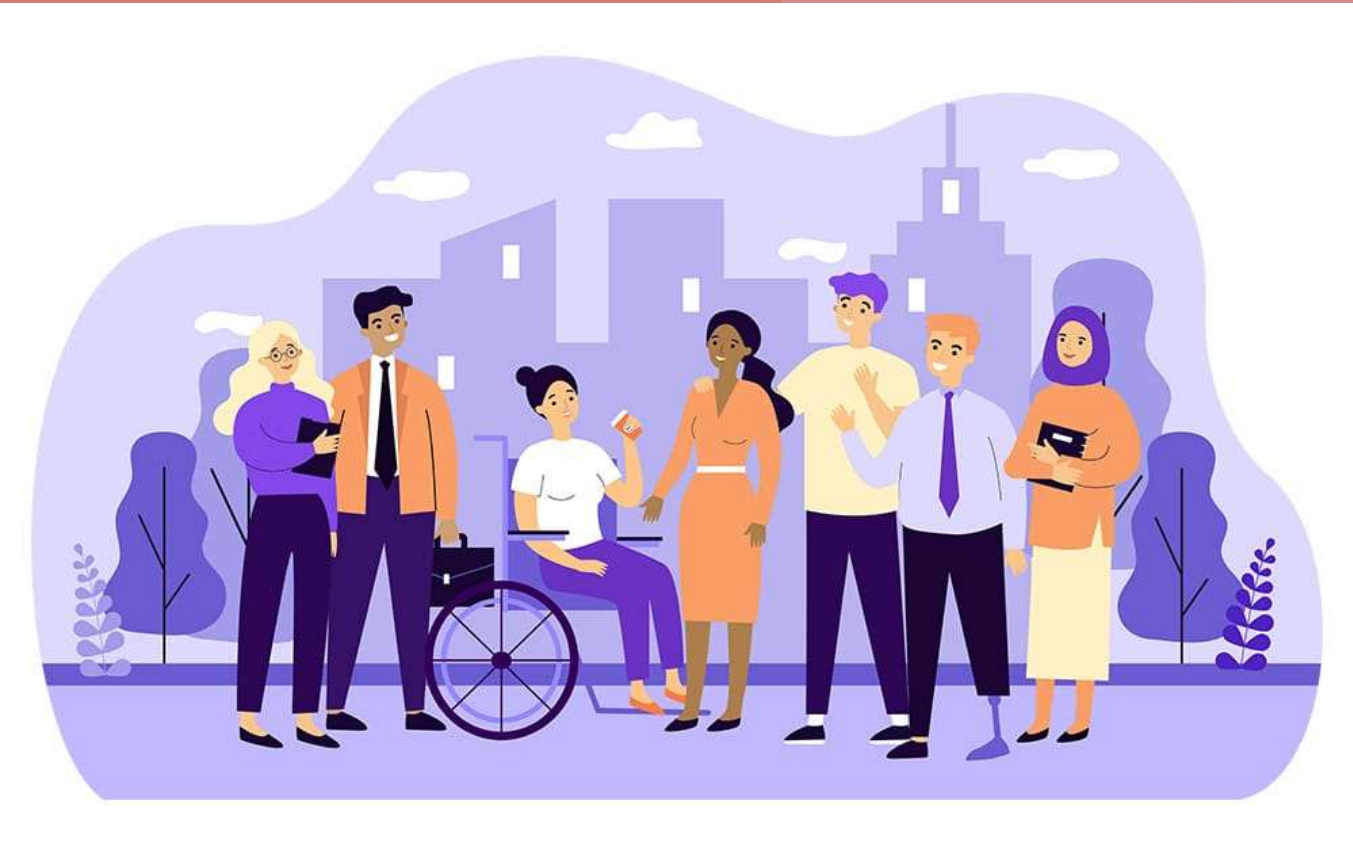
KRR actively promoted workplace inclusion by improving accessibility and creating environments that support employees with disabilities. Initiatives included adapting facilities, providing assistive tools, and fostering awareness about diverse abilities among staff. Training and communication efforts emphasized understanding, respect, and collaboration, ensuring all employees can contribute effectively. By valuing diversity and inclusion, KRR recognizes the unique perspectives and talents that employees with disabilities bring to the organization. These measures not only enhance equity but also drive innovation, creativity, and problem-solving. KRR's commitment to an inclusive workplace reinforces its culture of respect, opportunity, and organizational excellence for all employees.



KRR implemented initiatives to promote the inclusion of employees with disabilities by conducting awareness training and enhancing workplace accessibility. The programs aimed to educate staff on understanding different abilities, fostering empathy, and encouraging inclusive collaboration. Accessibility improvements included adapting physical spaces, providing assistive tools, and ensuring barrier-free movement within facilities. These actions create an environment where all employees can contribute effectively and feel valued. By integrating inclusivity into daily operations, KRR reinforces its commitment to diversity, equality, and respect. Such efforts not only empower individuals with disabilities but also strengthen innovation and organizational unity through diverse perspectives.

In 2024, KRR, India reported that women represented [insert percentage]% of the total workforce across design, fabrication, machining, profile formation, dishing, and erection operations. The company actively promotes gender diversity through inclusive recruitment, professional development opportunities, mentorship programs, and equitable workplace policies. By fostering an environment that values contributions from all genders, KRR enhances collaboration, innovation, and employee engagement. Integrating ESG principles into human resource practices ensures fair representation, equal opportunities, and a supportive culture. These initiatives reflect KRR’s commitment to diversity, inclusion, and social responsibility, strengthening organizational performance and sustainable workforce development.

In 2024, KRR, India reported that women comprised [insert percentage]% of its top management team, including leadership roles across design, fabrication, machining, profile formation, dishing, and erection operations. The company promotes gender equality at senior levels through inclusive recruitment, leadership development programs, and mentorship initiatives. By fostering diversity in decision-making positions, KRR encourages varied perspectives, innovation, and equitable organizational culture. Integrating ESG principles into governance practices ensures fair representation and accountability in leadership. These efforts reinforce KRR’s commitment to diversity, inclusion, and social responsibility, strengthening organizational resilience, ethical decision-making, and long-term sustainable growth.





In 2024, KRR, India reported that women accounted for [insert percentage]% of the company's board of directors. The company actively promotes gender diversity in governance through inclusive nomination processes, mentorship, and leadership development initiatives. By ensuring female representation at the board level, KRR strengthens decision-making with diverse perspectives, enhances corporate accountability, and fosters an equitable and transparent governance structure. Integrating ESG principles into board composition demonstrates the company's commitment to diversity, inclusion, and social responsibility. These measures reinforce ethical leadership, sustainable strategic planning, and long-term organizational resilience while aligning with global best practices in corporate governance.

In 2024, KRR, India reported that [insert percentage]% of top management positions were held by employees from minority or vulnerable groups. The company promotes equitable representation at senior levels through inclusive recruitment, leadership development, mentorship, and career progression programs across design, fabrication, machining, profile formation, dishing, and erection operations. By integrating ESG principles into governance and talent management, KRR ensures diverse perspectives in decision-making, strengthens organizational resilience, and fosters a culture of equity and inclusion. These initiatives reflect the company's commitment to social responsibility, ethical leadership, and sustainable workforce development, enhancing long-term organizational performance and stakeholder trust.

In 2024, KRR, India reported that [insert percentage]% of its workforce comprised employees from minority or vulnerable groups, including underrepresented communities across design, fabrication, machining, profile formation, dishing, and erection operations. The company promotes inclusion through equitable recruitment, training, mentorship, and career development initiatives, ensuring fair opportunities for all employees. By integrating ESG principles into human resource practices, KRR fosters diversity, equity, and social responsibility, strengthening collaboration and innovation. These initiatives enhance employee engagement, build an inclusive organizational culture, and support sustainable workforce development, reinforcing KRR's commitment to ethical, responsible, and socially conscious business practices.

Ratio of Basic Salary and Remuneration of Women to Men

GRI 405-2

KRR provided management personnel with targeted training to prevent bias and promote fairness in professional development and promotion decisions. The programs emphasized the use of transparent evaluation criteria, ensuring that career advancement is based on merit, skills, and performance rather than personal preferences or unconscious bias. This approach fosters an inclusive workplace where diverse talent can thrive and employees feel valued and recognized for their contributions. By promoting equitable practices, KRR reinforces its commitment to diversity, equity, and inclusion, supporting a culture of accountability and transparency. These initiatives enhance trust, motivation, and long-term employee engagement within the organization.

KRR conducted specialized training sessions for supervisors to help them identify and prevent bias in promotion, evaluation, and professional development processes. The programs emphasized the importance of objectivity, transparency, and equal opportunity in all career-related decisions. By implementing clear and structured evaluation systems, KRR promotes fairness, merit-based advancement, and gender equality across the organization. These measures ensure that every employee has an equal chance to grow and succeed based on performance and capability. Through such initiatives, KRR reinforces its commitment to diversity, inclusion, and equitable workplace practices, fostering a culture of respect, integrity, and accountability.





In 2024, KRR, India reported an average unadjusted gender pay gap of [insert percentage]% across all employee categories, including design, fabrication, machining, profile formation, dishing, and erection operations. The company continuously monitors pay structures to identify and address disparities between male and female employees. Remediation measures, such as equitable compensation adjustments and transparent salary review processes, ensure fair remuneration. By integrating ESG principles into pay management, KRR promotes gender equality, inclusivity, and workforce motivation. These initiatives reinforce the company's commitment to ethical labor practices, social responsibility, and sustainable human resource management, supporting a balanced and equitable workplace culture.



Non-Discrimination

GRI 406-1

KRR conducted targeted training programs to promote awareness on discrimination and harassment prevention, fostering a culture of mutual respect and equality. The sessions highlighted the importance of diversity, inclusion, and fair treatment across all levels of the organization. Employees were educated on grievance redressal channels, reporting mechanisms, and their rights and responsibilities under company policy. With a strict zero-tolerance approach to any form of harassment, KRR ensures a safe, transparent, and respectful workplace. These initiatives reinforce the company's commitment to ethical conduct, inclusivity, and employee well-being, contributing to a positive and supportive organizational culture.



KRR conducted comprehensive awareness sessions on workplace harassment prevention across all departments. These programs educated employees on identifying, addressing, and preventing harassment in the workplace, emphasizing the importance of respect and professional conduct. Staff were encouraged to speak up and make use of established grievance mechanisms to report any incidents safely and confidentially. By promoting open communication and accountability, KRR fosters a workplace culture that is inclusive, safe, and respectful for everyone. These initiatives reinforce organizational values, protect employee well-being, and ensure that all personnel can work in an environment free from harassment, discrimination, or intimidation.



KRR organized awareness programs to prevent workplace discrimination and harassment, promoting dignity, equality, and mutual respect among all employees. Training focused on ethical behavior, grievance redressal procedures, and fostering an inclusive and supportive work environment. Employees were educated on identifying, reporting, and addressing inappropriate conduct to ensure accountability and protection for all. By enforcing a strict zero-tolerance policy toward harassment, KRR aligns its practices with labor laws and international human rights standards. These initiatives cultivate a safe, respectful, and equitable workplace, reinforcing organizational values, enhancing employee trust, and supporting a culture where everyone can contribute fully and confidently.

KRR implemented anti-harassment training programs to strengthen awareness of respectful communication, appropriate workplace behavior, and available grievance procedures. The sessions educated employees on recognizing, preventing, and addressing harassment in all forms while promoting a culture of dignity and mutual respect. Participants were encouraged to report any incidents through confidential channels, with assurance of protection from retaliation or discrimination. These initiatives foster a safe, inclusive, and supportive work environment where employees feel empowered to speak up. By prioritizing education and accountability, KRR reinforces its zero-tolerance stance on harassment and its commitment to maintaining ethical and respectful workplace practices.

KRR provided training to suppliers to raise awareness and prevent discrimination and harassment within their workforce. The programs emphasized creating inclusive, respectful, and equitable work environments that align with KRR's ethical sourcing and human rights standards. Suppliers were educated on identifying inappropriate behaviors, implementing grievance mechanisms, and fostering fair treatment across all employee levels. By promoting these practices, KRR ensures that its supply chain reflects the company's commitment to integrity, social responsibility, and ethical conduct. These initiatives strengthen supplier accountability, reinforce compliance with labor laws and international standards, and support the creation of safe and inclusive workplaces throughout the supply network.

In 2024, KRR monitored its Discrimination and Harassment performance indicator and achieved a zero-incident outcome, reflecting the effectiveness of its awareness programs, grievance mechanisms, and inclusive workplace culture. Employees were trained on non-discrimination policies, harassment prevention, and ethical behavior, fostering a respectful and safe environment. Regular audits, open communication channels, and management oversight reinforced these practices. Achieving this KPI demonstrates KRR's strong commitment to employee dignity, equality, and compliance with labor regulations. It also highlights the organization's proactive efforts to maintain a workplace free from harassment, discrimination, and unfair treatment.

In 2024, KRR, India reported [insert number] identified incidents of workplace discrimination or harassment across design, fabrication, machining, profile formation, dishing, and erection operations. Each case was promptly investigated, and corrective actions were implemented in line with company policies, legal requirements, and ESG principles. Preventive measures, including awareness campaigns, anti-harassment training, and grievance mechanisms, were strengthened to minimize recurrence. By monitoring and addressing such incidents, KRR promotes a safe, inclusive, and respectful work environment. These initiatives reinforce the company's commitment to ethical conduct, employee well-being, diversity, and a culture of accountability and transparency across all levels of the organization.

In 2024, KRR, India maintained strict policies to prevent discrimination and harassment across all operations, including design, fabrication, machining, profile formation, dishing, and erection activities. Awareness programs, anti-harassment training, and confidential grievance mechanisms were implemented to educate employees and encourage reporting of any incidents. Each reported case was promptly investigated and resolved with corrective measures, ensuring accountability and fairness. By integrating ESG principles into workplace conduct, KRR fosters an inclusive, respectful, and equitable organizational culture. These initiatives promote employee well-being, ethical behavior, and diversity, reinforcing the company's commitment to social responsibility and responsible labor practices.



Freedom of Association and Collective Bargaining

GRI 407-1

KRR maintained continuous and open dialogue with employee representatives to ensure that training programs and career advancement opportunities align with collective bargaining agreements. This transparent communication fosters a sense of empowerment among employees, encouraging active participation in their professional growth. By involving representatives in planning and decision-making, KRR promotes mutual respect, trust, and accountability within the workforce. Such engagement ensures that development initiatives meet both organizational goals and employee aspirations. Through these practices, KRR strengthens workforce skills, motivation, and retention while demonstrating a commitment to fair, inclusive, and collaborative approaches to employee development and long-term career progression.

KRR aligned its career development and training programs with collective bargaining agreements to ensure fairness, inclusivity, and transparency in employee growth initiatives. By involving employee representatives in planning and decision-making, the company guarantees that skill-building opportunities are accessible to all staff and meet agreed-upon standards. This approach fosters trust, mutual respect, and active participation in professional development. Employees are empowered to enhance their capabilities while understanding how their growth aligns with organizational objectives. Through these practices, KRR reinforces equitable workforce development, supports continuous learning, and cultivates a collaborative culture that values both individual advancement and collective organizational success.



Child Labor and Forced or Compulsory Labor

GRI 408-1

KRR conducted comprehensive training programs to help employees prevent, recognize, and respond to risks related to child labor, forced labor, and human trafficking. Staff were educated on the company's strict zero-tolerance policy toward such practices and were guided on the procedures to report any unethical or illegal activities. These initiatives ensure employees are vigilant and empowered to act in accordance with ethical standards. By prioritizing human rights and promoting responsible supply chain management, KRR reinforces its commitment to social responsibility, ethical governance, and the protection of vulnerable populations, fostering a workplace and business environment grounded in integrity and accountability.

KRR organized targeted training programs to help employees recognize, prevent, and report any instances of child or forced labor within operations or the supply chain. The sessions emphasized ethical vigilance, legal awareness, and adherence to international labor standards. Employees were educated on reporting mechanisms and the company's zero-tolerance policy toward exploitative practices. These initiatives reinforced KRR's unwavering commitment to human rights protection, ethical employment, and responsible business conduct. By empowering employees with knowledge and accountability, KRR strengthens its ethical culture and ensures that all operations comply with global labor and human rights principles.

In 2024, KRR, India maintained a zero-tolerance policy toward child labor, forced labor, and human trafficking across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. Employees received training to recognize, prevent, and report unethical labor practices, while suppliers were monitored for compliance with labor standards. Robust due diligence, audits, and grievance mechanisms ensured ethical workforce management. By integrating ESG principles, KRR safeguards human rights, promotes responsible labor practices, and strengthens supply chain accountability, reinforcing the company's commitment to ethical, lawful, and socially responsible operations.



Security Practices

GRI 410-1

KRR provided targeted training to security teams focusing on ethical conduct, respect for human rights, and appropriate limitations on the use of force. The programs highlighted the importance of professionalism, accountability, and adherence to both company policies and international labor and security standards. Employees were educated on maintaining safety while upholding ethical principles and legal requirements in all operational contexts. By reinforcing these standards, KRR ensures that security personnel act responsibly, protect employee and stakeholder rights, and prevent abuses. This initiative strengthens organizational integrity, builds trust, and aligns security practices with global best practices and human rights commitments.

KRR provided specialized training to its security staff focusing on ethical conduct, respect for human rights, and non-violent methods of conflict management. The sessions emphasized professionalism, integrity, and adherence to both company policies and international security standards. Security personnel were educated on handling incidents with fairness and restraint, ensuring the safety and dignity of all individuals within the workplace. By promoting a respectful and rights-based approach to security, KRR reinforces trust, accountability, and a positive work environment. These initiatives demonstrate the company's commitment to maintaining ethical, responsible, and professional security practices across all operations.



Human Rights Assessment

GRI 412

In 2024, KRR, India extended its commitment to human rights beyond internal operations, engaging external stakeholders such as suppliers, contractors, and partners across design, fabrication, machining, profile formation, dishing, and erection activities. The company conducted training and awareness programs on ethical labor practices, anti-discrimination, child and forced labor prevention, and safe working conditions. Supplier audits and due diligence ensured compliance with human rights standards throughout the value chain. By integrating ESG principles into stakeholder engagement, KRR promotes responsible business conduct, safeguards human rights, and fosters accountability, transparency, and social responsibility across its operations and supply chain.

Negative Social Impacts in the Supply Chain and Actions Taken

GRI 414-2

KRR organized capacity-building workshops for suppliers to enhance their ability to identify, manage, and mitigate sustainability-related risks. The sessions focused on preventing labor rights violations, minimizing environmental harm, and promoting responsible business practices throughout the supply chain. Suppliers were trained on compliance with ethical standards, regulatory requirements, and KRR's sustainability expectations. By fostering awareness and providing practical tools, these workshops encourage continuous improvement and proactive risk management. This initiative strengthens supplier accountability, enhances operational transparency, and aligns supply chain practices with KRR's environmental, social, and governance (ESG) commitments, ensuring long-term sustainability and ethical performance across all partnerships.



Assessment of the Health and Safety Impacts of Products and Services

GRI 416

In 2024, KRR, India prioritized customer health and safety across all operations, including design, fabrication, machining, profile formation, dishing, and erection of pressure vessels, autoclaves, heat exchangers, and boiler components. The company implemented rigorous quality assurance, safety testing, and compliance checks to ensure products met regulatory standards and industry best practices. Risk assessments and hazard analyses were conducted for all equipment to prevent accidents or operational failures. By integrating ESG principles into product design and service delivery, KRR ensures the safety and reliability of its solutions, reinforces customer trust, and demonstrates commitment to responsible and ethical business practices.

Customer Privacy

GRI 418-1

KRR conducted training programs focused on information protection, cyber hygiene, and responsible data handling to safeguard organizational and client information. Employees learned best practices for preventing unauthorized access, data breaches, and security incidents, including secure password management, phishing awareness, and safe use of digital systems. The sessions emphasized compliance with data privacy regulations, confidentiality requirements, and internal security policies. By equipping staff with the knowledge and skills to manage information securely, KRR reinforces a culture of accountability, vigilance, and risk mitigation. These initiatives ensure the protection of sensitive data and strengthen trust with clients, partners, and stakeholders.

In 2024, KRR, India reported zero confirmed information security incidents across its design, fabrication, machining, profile formation, dishing, and erection operations for pressure vessels, autoclaves, heat exchangers, and boiler components serving Paper & Pulp, Cement, Chemical, Nuclear, and Fertilizer industries. The company implements robust information security measures, including ISO/IEC 27001-aligned policies, employee training on cyber hygiene, data access controls, and incident response protocols. ESG integration ensures proactive monitoring, risk mitigation, and compliance with data protection regulations. These measures safeguard organizational and client information, reinforcing KRR's commitment to responsible, secure, and ethical business operations.



SOCIAL PERFORMANCE DATA

GRI : 401

100 %

Working conditions
Percentage of Employees Cover Under Health Insurance

GRI : 402

9 Count

Social dialogue
Number of Employees Participated in Social Dialogue

GRI : 403

0 Nos

Employee health and safety
Number of reportable incidents

GRI : 403-9

469248 Hours

Number of hours worked
Average Number of Hours Worked

GRI : 403-9

0 Nos

Number of days lost to work-related injuries, fatalities, and ill health

Number of days lost to work-related injuries, fatalities, and ill health

GRI : 403-9

0 Nos

Number of work-related accidents

Number of work-related accidents

GRI : 404-1

21 Hours

Average hours of training per employee

Average Number of Hours of Training Per Employee

GRI : 404-2

100 %

Career management and training

Percentage of employees participating in career development programs

GRI : 405

0.8 Ratio

Ratio of the annual total compensation for the highest paid individual, to the median annual total compensation for all employees

Ratio= Median Annual Total Compensation of All Employees
Annual Total Compensation of Highest Paid Individual

GRI : 405-1

4 %

Percentage of women employed in the whole organization

Gender Diversity in the Workforce

GRI : 405-1

28 %

Percentage of women at top management level

Gender Diversity in the top management level

GRI : 405-1

20 %

Percentage of women within the organization's board

Gender Diversity in the within the organization's board

GRI : 405-1

12 %

Percentage of employees from a minority or vulnerable group in the whole organization

Diversity Representation in the Whole Organization

GRI : 405-1

12 %

Percentage of employees from a minority or vulnerable group at top management level

Diversity Representation in the top management level

GRI : 405-2

0 Nos

Average unadjusted gender pay gap

Average Salary For Men - Average Salary For Women * 100

GRI : 406-1

0 Nos

Number of identified discrimination or harassment incidents or corrective actions

Reduce the Number of identified discrimination or harassment incidents or corrective actions

GRI : 406-1

0 Nos

Discrimination and Harassment

Number of Reported Fair Treatment Standards

GRI : 408-1

0 Nos

Child labor, forced labor, and human trafficking

Number of labour / human rights incidents

GRI : 412

0 Nos

External stakeholder human rights

Number of Incidents

GRI : 416

0 Nos

Customer health and safety

Number of Incidents

GRI : 418

0 Nos

Number of confirmed information security incidents

Number of confirmed information security incidents

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Independent Assurance Statement

This CSR report has been independently verified by BMQR, a third-party assurance provider, in accordance with ISO 17029:2019. The assurance engagement covered a Type 2 & High Assurance of the information and data disclosed within this report.

The scope of the assurance included verifying the accuracy, completeness, and reliability of the disclosures made under all relevant sections of the GRI Standards. The assurance provider conducted the engagement based on applicable assurance principles and issued an assurance statement confirming the integrity of the disclosed information.

Name of Assurance Provider : BMQR Certifications Pvt Ltd,

Standard Used : ISO 17029:2019 and GRI

Type of Assurance : Type 2 & High Assurance

Date of Assurance : 16th April, 2025

Web URL : www.bmqrassurance.com

Authorized Representative (Assurer):

Name : S. Elango

Designation : Associate Certified Sustainability Assurance Practitioner (AA 1000)

Certificate No : AA1000 (ACSAP) C.N: A09122401

Signature : 

