



Company Profile

Awards

Recognition from industries, Institution, authorities and renowned agencies serves as a constant encouragement



Chairman's Statement

Dear Friends and Valued Partners,

I am thrilled to unveil CORE-EHS SOLUTIONS PVT. LTD. to you, marking a new chapter for what was previously known as ASK EHS Engineering & Consultants Pvt. Ltd. As we embrace the CORE-EHS SOLUTIONS PVT. LTD. identity, our unwavering commitment to Environment, Health, and Safety (EHS) shines brighter than ever, rejuvenated within a dynamic and compelling brand. Along with our brand evolution, our online presence has transformed to www.coreehs.com, where we continue to deliver extensive EHS services. Furthermore, we're excited to introduce innovative learning tools such as AR/VR and simulators, games & drone powered inspections pioneering an inventive approach to transforming Safety Culture across various workplaces. As the leader of this trailblazing organization, I am privileged to share with you the vision, passion, and steadfast commitment that drive us onwards. Nelson Mandela's profound words, "Do not judge me by my success, judge me by how many times I fell down and got back up again," resonate deeply, embodying the resilience and perseverance that are the hallmarks of our journey.



As the Head of our organization, I bring forth a personal journey enriched by 30 years as an EHS specialist across diverse national and international workplaces, culminating in the founding of this EHS consulting firm. My cumulative experience spans over two decades, dedicated to fostering safety culture transformations and aiding industries in reducing accidents. To date, we have had the privilege of serving more than 900 organizations and extending our expertise across over 30 countries worldwide. This broad spectrum of experiences instills in us a profound confidence and enables us to devise robust roadmaps tailored for any industry, ensuring safety and efficiency at the forefront of operations.

As consultants of Environmental, Health, and Safety (EHS), our core is rooted in the transformative potential of innovation. With more than two decades of collective experience harnessing groundbreaking technologies, we've made profound contributions to the industrial ecosystem. Our path is defined by relentless progress and adaptability, powered by our dedication to addressing the dynamic needs of the industry. Throughout, our unwavering adherence to our fundamental values ensures that as we evolve, we remain aligned with our mission to protect and enhance the environments we operate within.

Today, CORE-EHS SOLUTIONS PVT. LTD. stands as a beacon of excellence in the field, distinguished by our relentless pursuit of exceptional outcomes for our clients. Our team, a diverse assembly of brilliant minds and seasoned professionals, shares a collective passion for EHS and the pursuit of excellence.

With our profound domain expertise, we empower organizations to achieve their EHS objectives through strategic consulting, state-of-the-art solutions, and exemplary standalone services. Our dedication to our clients' EHS goals is unparalleled, as we forge enduring partnerships built on trust, collaboration, and mutual growth. By understanding each client's unique needs and challenges, we tailor our solutions to ensure impactful and lasting results.

Furthermore, CORE-EHS SOLUTIONS PVT. LTD. is unwavering in its dedication to nurturing a culture steeped in innovation and ongoing learning. We actively invest in the professional development of our team, promoting a spirit of exploration, skill advancement, and keeping pace with the latest industry trends. This dedication not only propels our pursuit of excellence but also guarantees that our solutions are forward-thinking and prepared for the future. With a comprehensive suite of capabilities managed entirely in-house, our reliance on external outsourcing is non-existent. Our robust team of over 1,000 professionals encompasses a diverse array of expertise, including EHS specialists, trainers, auditors, IT engineers, and scaffolding and rigging experts, among others. This rich mix of talent enables us to successfully meet and exceed the expectations and challenges of fostering a sustainable safety culture across various organizations and industries, regardless of the challenge at hand.

I extend a sincere invitation for you to embark on an inspiring journey with CORE-EHS, where your EHS ambitions meet our expertise to transform potential into tangible outcomes. Let's collectively traverse the dynamic terrain of EHS, discovering avenues for progress and triumph along the way.

Thank you for choosing CORE-EHS SOLUTIONS PVT. LTD. as your ally. We look forward to establishing significant relationships, engaging in influential collaborations, and jointly advancing towards a sustainable future.

Warmest regards,

J K Anand

CORE-EHS SOLUTIONS PVT. LTD.

(Formerly Known as ASK EHS Engineering & Consultants Pvt. Ltd.)

CORE-EHS Services Overview

At CORE-EHS, we are dedicated to advancing Environmental, Health, and Safety (EHS) standards through a range of specialized services tailored to meet the evolving needs of industries worldwide. Our offerings are designed to ensure safety, compliance, and efficiency across all operational levels.

Safety Cultural Transformation & Management

- By fostering a positive safety culture, we initiate strategic transformation and management initiatives aimed at cultivating a proactive approach to safety and well-being within your organization.

Project Safety Management as PMC (PSM)

- With a focus on EHS excellence, we deliver exceptional project management services, ensuring that safety is integrated into every stage of your projects as a Project Management Safety Consultant (PMC).

Digital Automation with AI Integration Technologies

- Leveraging cutting-edge technology, we enhance EHS practices with tools such as:
 - Customised Safety Movies:** Engaging and informative safety education through visual storytelling, tailored to your organization's needs.
 - Gamified learning helps workers live it, feel it, and remember it - strengthening analytical thinking. We intend to redefine how organisations build safety awareness.
 - AR/VR and Simulation:** Utilizing AR, VR, and simulation to enhance EHS training, risk assessments, and emergency preparedness with immersive and realistic experiences.

Scaffolding Engineering and Management Solutions

- Our expert scaffolding management services ensure the safety and reliability of scaffolding operations in any project environment, supported by thorough engineering analysis and best practices.

Formulation of Safety Management System

- We implement comprehensive safety management systems designed to optimize workplace safety and ensure regulatory compliance, creating safer work environments tailored to your organization's specific needs.

EHS Manpower Engineering Solutions

- Our team provides specialized engineering solutions that uphold the highest standards of safety and operational efficiency, ensuring your projects and processes are safe and sustainable.

Safety Inspection via drones

- Drone-Based Safety Supervision, where aerial technology meets artificial intelligence to redefine safety visibility across complex, high-risk environment.
- Wearables, smart sensors, and AI-enabled devices in IoT to help identify unsafe acts, hazardous conditions, equipment failures, and environmental risks before they escalate.

EHS Training and Skilling

- We elevate EHS knowledge and practices through:
 - Customized Corporate Training:** Tailored training programs designed to meet the specific needs of your organization, enhancing safety awareness and skills.
 - EHS Training and Skilling Institution:** Our dedicated institution offers comprehensive courses and certifications, promoting advanced EHS learning and professional development.

Through these tailored services, CORE-EHS SOLUTIONS PVT. LTD. commits to partnering with organizations in their journey towards achieving unparalleled safety standards, operational excellence, and sustainable growth.

Company Overview

CORE-EHS SOLUTIONS PVT. LTD. is a distinctive organization founded to support industrial organizations and institutions' safety, health, and environmental activities. We are guided by our core vision to enhance EHS performances in organizations.

As an integrated solutions provider, CORE-EHS SOLUTIONS PVT. LTD. has collaborated with over 900 corporations and institutions worldwide. With over 19 years of experience across various sectors such as EPC, Heavy Engineering & Infrastructure, Chemicals, Oil & Gas, Power & Energy, Metals & Alloys, Mining, Pharmaceuticals, Automotive, and more, our journey has been enriched by a deep understanding of the EHS domain and the provision of research-based, technology-led services that set us apart as the preferred EHS service provider in India. Our strength lies in our unique concept, as we are the only organization capable of assuming complete ownership, on a turn-key basis, of managing, implementing, and monitoring all EHS disciplines throughout the construction, commissioning, and shutdown phases for industries of all types.

Towards this end, our service portfolio comprises the following:

- Safety Management Consulting Services
- Safety Culture Transformation Services
- EHS Manpower Outsourcing
- Project Safety Management
- Process Safety Management
- Government Approved & International OSHE Programme
- Upskilling through 3D Animation & e-Learning Solutions
- AR/VR based learning in EHS
- Safety Games & Assessments
- AI Integrated EHS Software Solutions   
- IoT Solutions
- Development of Standards & SOPs
- Gap Identification, Audits & Compliance Management
- Safety Supervision through Drones
- Scaffolding & Work At Height Risk Management
- EHS Publications & Products



Our vision is to become the foremost provider of exceptional safety services, enabling organizations to not only meet but excel in their safety, health, and environmental goals, while fully embracing and implementing ESG standards for a sustainable future.



Our mission is to empower industries to achieve their safety, health, and environmental objectives, integrating Environmental, Social, and Governance (ESG) principles into our strategic insights, expert guidance, and innovative solutions. We are dedicated to advancing sustainable and responsible practices across all sectors.

CORE Values



Integrity:

Upholding the highest ethical standards, transparency, and honesty in all our business practices and in our interactions with the client or stakeholders



Sustainability:

Embracing sustainable practices that consider environmental, social, and economic impacts



Innovation:

Fostering a culture of continuous improvement, creativity, and adopting change



Collaboration:

Encouraging teamwork, collaboration, and open communication across all levels of the organization



Excellence:

Pursuing excellence in all internal, external, and neutral endeavors



Adaptability:

Adopting a learning mindset and remaining agile to accept change



Stakeholder responsibility:

Creating meaningful value for every stakeholder

Accomplishment Milestones

CORE-EHS SOLUTIONS PVT. LTD. is proud to highlight its exceptional achievements that demonstrate our unwavering commitment to excellence in environmental, health, and safety (EHS) practices:

18000+ Workers experienced & been assessed via safety games.



Developed **100+** AR/VR EHS modules & a simulators for immersive learning



Reached over **1,00,000+** active users globally with our AI/ML powered EHS software.



Over **60** eLearning modules customized



Produced over **2000+** hours of 3D animated EHS movies.



Deployed **26,000+** EHS Professionals in various industrial projects and operations over the last **19 years**.



Successfully completed over **270** batches of NEBOSH IGC, IOG, & IOSH courses, alongside **5400+** other certified training programs for EHS professionals.



Deployed over **1000** scaffolding professionals and utilized over **2000** metric tonnes of scaffolding material in a single 48-month project.



Managed projects using over **45** million cubic meters of scaffolding material with 0 LTIs



1000+ Worksites inspected & monitored via drones resulting in 70% reduction v/s manual inspection



Conducted **45000+** training programs, engaging over 12,00,000 participants since 2007.



Trained over **200,000** individuals globally in scaffolding at trainee, basic, and advanced levels.



Supported more than **1700+** worksites by deploying trade specific EHS professionals.



Successfully executed more than **300+** projects as Project Safety Management Consultants.



Provided Safety Management Consulting to over **150+** organizations in Steel, Chemical, and Oil & Gas Industries.



Completed critical assignments such as Process Safety Management, Hazop studies, QRA, Behaviour Intervention Program, Contractor Safety Management, Road and Rail Safety, Safety Management System Upgradation, Competency and Capability Centre (CCBC) Establishment, HIRAC, JHA, PTW formulation, and numerous High Hazard Process Risk Containment activities across more than **100** industries in India and overseas.

Disclaimer:

The information contained in this profile is provided for general informational purposes only. While we make every effort to ensure the accuracy and reliability of the information, we cannot guarantee its completeness or relevance. Therefore, any reliance you place on the information presented in this brochure is strictly at your own risk.

The information provided in this brochure does not constitute professional advice or create a business-client relationship. Please note that the laws, regulations, and requirements mentioned in this brochure may vary based on your jurisdiction. It is your responsibility to ensure compliance with applicable laws and regulations before making any decisions or taking any actions based on the information provided in this brochure.

Forward-Looking Statement:

This company brochure may include forward-looking statements reflecting risks, uncertainties, and assumptions tied to our current expectations, projections, and management beliefs. These forward-looking statements are vulnerable to risks and uncertainties that could significantly alter actual outcomes from those suggested or implied by such statements.

Typically identifiable by terms like "anticipate," "believe," "estimate," "expect," "intend," "plan," "project," "will," "may," "should," "could," "predict," "potential," and similar expressions, forward-looking statements are not assurances of future performance. They inherently carry uncertainties, risks, and potential changes in circumstances that are challenging to foresee.

We urge readers to meticulously review this brochure to fully grasp the potential risks and uncertainties our business may face.



Contents

10	 Design & Implementation of Safety Management Systems
20	 EHS Professional Outsourcing
24	 Project Safety Management
26	 Process Safety Management
32	 Certified EHS Training & Government Approved Courses
35	 EHS Animation & e-Learning Solutions
38	 AR/VR and Simulation based trainings
42	 Safety Games & Assessments
44	 AI/ML Integrated EHS Software & Apps   
48	 IoT Solutions
52	 Development of EHS Plans & SOPs
54	 Gap Identification, Audits & Compliance Management
56	 Safety Supervision through Drones
58	 Scaffolding Management Systems
64	 EHS Publications & Products

Design & Implementation of Safety Management Systems



- 01 | Integrated Organization Structure for Governance (IOS)
- 02 | Safety Maturity Survey (SMS)
- 03 | Behavioural Intervention Programme (BIP)
- 04 | Incident Reporting and Investigation System (IRIS)
- 05 | Contractor Safety Management (CSM)
- 06 | High Hazardous Risk Process Containment (HHPC)
- 07 | Upgradation of Safety Management System (USMS)
- 08 | Capability & Competency Development (C&C)
- 09 | Road & Rail Safety Management (RRSM)
- 10 | Process Safety Management (PSM)
- 11 | Digitalization in Safety (DIS)
- 12 | Permit to Work and LOTOTO System

Safety Management Consulting Services (SMCS) is a critical component of any organization's safety commitment to its stakeholders. It entails a systematic approach to managing operational and non-operational risks. It is crucial to promote a culture of safety throughout the organization.

The primary objective of our SMCS is to identify potential hazards, assess risks, and implement effective controls to prevent accidents, incidents, and injuries. It involves establishing policies, procedures, and protocols that address all aspects of safety.

We implement solutions that are based on proven and globally accepted Safety Management theories and incorporates all renowned processes. Our team comprises some of the best minds and implementers from the field of safety, occupational health, environment, engineering, software, analytics, project management, and resource engineering. Our process entails a best practices approach right from the identification to the implementation stages and beyond.

We understand that in a fast-paced and constantly changing world, organizations require a robust, adaptive, and 'technology-driven' Safety Management System. Hence, we believe in implementing a robust Safety Management System, where organizations can effectively manage risks, prevent accidents and incidents, protect their workforce, and maintain the trust and confidence of their stakeholders.

Our experience in implementing Safety Management System in some of India's most respected organizations is a testament to our domain expertise. Our close collaboration in projects with the Tata Group of Companies, the Aditya Birla Group of Companies, and the Adani Group of Companies, India's leading PSUs namely SAIL, NTPC, ONGC to name a few, has enriched our experience and knowledge further. We continue to emerge wiser and better with every project, creating stronger cultures...





Integrated Organisation Structure for Governance (IOS)

- **Strategic Level:** Establish an Apex Committee to oversee the strategic direction and top-level decision-making for safety management.
- **Operational Level:** Implement Plant-level committees responsible for the day-to-day operational management and execution of safety initiatives.
- **Tactical Level:** Form Department-level implementation committees and safety subcommittees to address specific safety tasks and challenges within departments.
- **Monitoring and Communication:** Track and document monthly progress of all committees, and communicate critical observations to higher levels for timely intervention and resolution.



Safety Maturity Survey (SMS and Gap Identification)

The implementation strategy involves using SMS tools to analyze safety culture and assessing cost-benefits related to improvements during the second survey. A robust control and monitoring mechanism will track SMS KPIs, with results reviewed by the SMS Apex Committee, and establish an escalation process for noncompliance. Measurement outcomes, including metrics like LTIFR, will be documented in two main surveys, with responsibilities defined via a RACI chart. This structured approach aims to enhance safety performance and compliance over defined time frames.



Behavioral Intervention Program (BIP)

- **Objective:** Implement a structured behavior-based safety program aimed at positively changing safety behaviors within organizations.
- **Committee Formation and Training:** Form a high-level committee to manage the Behavioral Intervention Program, develop relevant training modules, and provide ongoing guidance to define roles and goals.
- **Process and Monitoring:** Establish robust standards and processes for behavioral interventions, complete with Key Performance Indicators (KPIs) and monitoring mechanisms.
- **Support and IT Solutions:** Offer continuous support and coaching to trained observers, develop a tailored software solution for tracking interventions, and ensure periodic evaluation and enhancement of the program.



Incident and Near-miss Reporting and Investigation (IRIS)

- **Committee Formation and Role Definition:** Establish an Apex committee and additional implementation committees for IRIS, defining their specific roles and objectives, and guide them in executing the IRIS process on-site.
- **Training Development and Delivery:** Create training modules based on proven methodologies for root cause analysis and other investigative techniques, and provide training to key executives across all departments.
- **Incident Investigation Standards and Software Development:** Develop a comprehensive and robust process standard for IRIS, complete with Key Performance Indicators (KPIs) and monitoring mechanisms, and create an IT-based solution for capturing and analyzing incidents, including near misses.
- **Continuous Support and Improvement:** Continuously support and coach the committee and key personnel to measure, monitor, and enhance the IRIS process according to organizational needs.



Contractor Safety Management (CSM)

- **Governance Structure Formation:** Establish an Apex committee and various implementation committees for CSM, clearly defining their roles and goals, and guide these committees in developing a comprehensive process standard for CSM, including KPIs and their monitoring.
- **Training Module Development:** Create training materials on CSM topics, incorporating flowcharts and multimedia elements, and develop key resource persons through a 'Train the Trainer' program alongside committee members.
- **Audit Training and Implementation:** Ensure at least 50% of key resource persons are trained to conduct Contractor Site Safety Audits, supporting them until they acquire the necessary skills, and develop a system for conducting audits and assessments to evaluate the safety performance of contractors.
- **Ongoing Support and Improvement:** Provide ongoing guidance to the committee and key CSM resource persons to periodically measure, monitor, and enhance contractor safety performance to meet organizational standards.



High Hazard Process Management (HHPM)

- **Framework Development and Risk Mapping:** Develop a detailed framework for High Hazard Process Containment and map activities for hazard identification and risk assessment using appropriate tools and techniques. This includes considering likely high-risk scenarios, existing control procedures, and past major incidents in relevant industries.
- **Risk Containment Activities:** Execute risk containment for critical processes, targeting at least 3 processes from each identified hazardous area, with a goal to address 60% of prioritized high-risk activities.
- **Internal Capability and Training:** Develop internal capabilities for managing risks by training personnel in at least 40% of identified critical processes through a 'Train the Trainer' program, ensuring that skills are spread across all departments/functions.
- **Monitoring and Continuous Improvement:** Implement containment activities such as developing bowtie analyses and applicable standards, preparing procedures, assigning responsibilities, and improving existing barriers. Support these efforts with a tailored IT-based dashboard to monitor interventions across different levels of the governance structure.



Development/Upgradation of Safety Management System (USMS)

- **System Upgradation:** Upgrade existing safety systems and standards by consulting with industry experts and incorporating global best practices.
- **High-Risk Standards Development:** Develop high-risk safety standards, complete with work instructions and clear responsibilities for their implementation.
- **Audit Protocols:** Develop audit protocols to evaluate the implementation of these standards, conduct initial audits, and provide ongoing support for subsequent audits.
- **IT Integration:** Integrate IT tools provided by the service providers with the organization's central SAP platform to enhance safety management capabilities.



Capability and Competency Development (C&C)

- **Comprehensive Coverage:** A program will be made which will involve all organizational levels, from top leadership to middle management, line managers, supervisors, and workgroups, including contract workers. It will ensure at least 50% of staff in each department and 100% of top leadership are covered.
- **Training Development:** A training matrix will be developed based on departmental manpower details to determine the number of sessions required, with training topics to be developed in consultation with the organization.
- **Trainer Development and Resources:** A focus will be placed on creating a pool of internal trainers through a minimum one-week 'Train the Trainer' program, supported by extensive e-learning modules, safety operation videos, benchmarking tools, and digital monitoring solutions.
- **Sustainability and Technology Integration:** Technologies such as dashboard software integrated with the SAP platform will be implemented for continuous monitoring and improvement. Educational animations or audio-visuals based on significant incidents from the past five years will be prepared to enhance learning.



Road & Rail Safety Management (RRSM)

- **Committee Formation and Role Definition:** An Apex committee and various implementation committees for Road & Rail Safety Management will be formed, with support provided to define their roles and goals.
- **Standard Development and KPI Monitoring:** Committees will be guided to develop a comprehensive process standard for Road & Rail Safety Management, including the creation of Key Performance Indicators (KPIs) and their monitoring mechanisms.
- **Safety Measures and Framework Implementation:** A detailed framework for the implementation of road safety and rail safety measures will be developed, incorporating engineering controls, techniques, and administrative solutions.
- **Training and Continuous Improvement:** Training modules on Road & Rail Safety Management, including the use of Heavy Earth Moving Equipment, will be developed using animations and audio-visuals. Key resource persons and committee members will be developed under a 'Train the Trainer' program to ensure periodic measurement, monitoring, and continuous improvement of road safety performance.



Process Safety Management (PSM)

- **Governance Structure Formation:** Establish an Apex committee and various implementation committees for PSM, clearly defining their roles and goals, and guide these committees in developing a comprehensive process standard for PSM, including KPIs and their monitoring.
- **Training Module Development:** Create training materials on PSM topics, incorporating flowcharts and multimedia elements, and develop key resource persons through a 'Train the Trainer' program alongside committee members.
- **Ongoing Support and Improvement:** Provide ongoing guidance to the committee and key PSM resource persons to periodically measure, monitor, and enhance Process safety performance to meet organizational standards.



Digitalization in Safety (DIS):

Leverage technology through Safety Software, IoT systems, E-Learning modules, AR/VR simulations, Digital Twins, and Drone Monitoring to enhance monitoring, training, and risk prediction capabilities.



Permit to Work and LOTOTO System :

Ensure strict implementation of the Permit to Work and Lock Out Tag Out Try Out (LOTOTO) systems for all maintenance and high-risk operational activities to eliminate inadvertent energy releases.

Consultancy Expertise

Our consultancy services embody a holistic approach to safety, health, and environmental management, tailored to meet the multifaceted needs of industries globally. We offer a diverse range of expertise, emphasizing innovation, compliance, and sustainability.

- 01 | **Project Safety Management:** Implementing strategic safety measures across project lifecycles.
- 02 | **Industrial Safety Management:** Comprehensive frameworks for mitigating risks in industrial settings.
- 03 | **Construction Safety Management:** Safety protocols designed specifically for the construction industry.
- 04 | **Environmental Management:** Sustainable practices to minimize environmental footprints and ensure regulatory compliance.
- 05 | **Computer Applications & Maintenance Management:** Advanced software solutions for optimized safety and maintenance operations.
- 06 | **Hazard Recognition & Standards for Onshore Oil & Gas Installations:** Expertise in hazard identification and safety standards specific to the oil and gas sector.
- 07 | **Aircraft Maintenance Engineering:** Ensuring the highest safety standards in aircraft maintenance and engineering.
- 08 | **Masters in HSE Engineering:** Advanced HSE Engineering insights for innovative safety solutions.
- 09 | **Mechanical and Civil Engineering:** Engineering solutions prioritizing safety in mechanical and civil projects.
- 10 | **Chemical Engineering:** Risk management in chemical processes and operations.
- 11 | **Industrial Engineering:** Enhancing industrial efficiency and safety through process optimization.

Expanding our portfolio, we now include:

- 01 | **Risk Assessment and Emergency Response Planning:** Crafting strategies for risk mitigation and emergency preparedness.
- 02 | **Occupational Health Services:** Promoting workplace health through comprehensive health programs.
- 03 | **Safety Culture Transformation:** Cultivating a strong safety culture with a focus on training, engagement, and leadership.
- 04 | **Regulatory Compliance and Audits:** Ensuring operations adhere to safety and environmental regulations.

New additions to our expertise:

- 01 | **Formulation of EHS Scope in Tendering Documents:** Integrating EHS considerations into tender documents to ensure safety and environmental standards are established from the outset.
- 02 | **Training Need Assessment:** Identifying specific training requirements to address gaps in skills and knowledge.
- 03 | **Competency Assessment & Certification:** Evaluating and certifying the competency of individuals in critical EHS roles.
- 04 | **IT-Based Services:** Leveraging technology to provide innovative EHS solutions, including data analytics, software for safety management, and digital training platforms.

Our expanded consultancy expertise represents our commitment to comprehensive safety, health, and environmental management solutions. Through a combination of technical excellence, industry experience, and a forward-thinking approach, we aim to empower organizations to achieve their EHS objectives while fostering a culture of safety and sustainability.



Enhanced Benefits of Implementing a Safety Management System (SMS) for Clients

Adopting a Safety Management System (SMS) not only elevates an organization's safety protocols but also significantly improves operational efficiency, risk mitigation, and compliance adherence. Here's an expanded view of the benefits.

- 01 **Proactive Hazard Identification and Risk Management**
An SMS emphasizes a proactive approach to identifying potential hazards, assessing risks comprehensively, and implementing strategic controls to mitigate these risks, enhancing workplace safety and operational resilience.
- 02 **Strategic Safety Planning and Goal Setting**
It enables strategic safety planning, aligning safety objectives with organizational goals. This integration ensures a systematic approach to achieving operational excellence and safety effectiveness.
- 03 **Robust Safety Policies and Procedures**
Developing and enforcing robust safety policies and procedures are central to an SMS. These guidelines ensure consistent safety practices, compliance with regulatory standards, and a unified approach to safety across the organization.
- 04 **Comprehensive Safety Training and Skill Development**
An SMS prioritizes comprehensive safety training programs and skill development initiatives. This focus ensures all personnel are competent in safety practices, equipped with the knowledge to prevent accidents & respond to emergencies effectively.
- 05 **Incident Analysis and Preventive Strategies**
The system includes mechanisms for thorough incident and near-miss analysis, allowing organizations to understand underlying causes and implement preventive strategies, thereby reducing recurrence and promoting a safer workplace.

- 06 **Data-Driven Safety Performance Monitoring and Measurement**
Utilizing key performance indicators (KPIs) and metrics, an SMS enables data-driven monitoring and measurement of safety performance. This approach facilitates continuous monitoring, benchmarking, and improvement in safety standards.
- 07 **Commitment to Continuous Improvement and Safety Excellence**
An SMS embodies a commitment to continuous improvement, leveraging audits, feedback, and performance analysis to refine safety practices, adapt to changing environments, and strive for safety excellence.
- 08 **Enhanced Compliance and Regulatory Adherence**
By ensuring comprehensive risk assessments and adherence to safety protocols, an SMS aids in meeting legal and regulatory requirements, avoiding penalties, and maintaining a positive reputation.
- 09 **Optimized Operational Efficiency and Productivity**
A well-implemented SMS improves operational efficiency by minimizing downtime due to accidents or incidents, thereby enhancing overall productivity and profitability.
- 10 **Strengthened Organizational Culture and Employee Well-being**
Fostering a strong safety culture, an SMS enhances employee morale and well-being, leading to higher engagement, reduced turnover, and a more motivated workforce.

Implementing an SMS is a strategic investment in an organization's sustainability and growth, emphasizing safety, health, environmental stewardship, and operational excellence. It positions organizations to not only manage current safety challenges but also to anticipate and adapt to future demands, reinforcing their commitment to protecting employees, property, & the environment.



Safety Culture Transformation Services



Cultural transformation can be attributed to the application of management principles and systems for the identification, understanding, and control of process hazards. It is a complex and multifaceted process that involves influencing the beliefs, values, behaviour, and norms of all stakeholders in an organization. It is a long-term process that requires persistence, patience, and adaptability.

Bringing about a cultural transformation involves a set of interrelated approaches to managing various hazards associated with different industries. The primary intention of this approach is to reduce the frequency and severity of incidents at the workplace. It follows a set of standards composed of organizational and operational procedures, design guidance, audit programs, and other methods.

The seeds of cultural transformation are sown at the inception stage and require disciplined implementation throughout all stages. We follow an effective framework that addresses smaller events or incidents that have the potential for bigger consequences. Our process involves monitoring, evaluation, and measurement to ensure a result-oriented program.

Benefits of Cultural Transformation to Clients

Cultural transformation brings about pivotal improvements in safety and organizational efficacy:

- 01 | **Efficient Risk Management** : Enables proactive hazard detection, risk assessment, and mitigation efforts.
- 02 | **Enhanced Awareness** : Raises safety awareness with targeted campaigns.
- 03 | **Improved Stakeholder Engagement** : Deepens communication and collaboration among stakeholders.
- 04 | **Advanced Technological Support** : Employs technology for improved safety management and operational efficiency.
- 05 | **Effective Ground-Level Implementation** : Ensures safety practices are collaboratively executed throughout the organization.
- 06 | **Continuous Improvement Metrics** : Offers tools for the evaluation, analysis, and measurement of safety practices for continuous enhancement.
- 07 | **Improved Leading Indicators** : Utilizes forward-looking metrics to guide proactive safety improvements and predict future performance.
- 09 | **Reduced Lagging Indicators** : Focuses on minimizing historical indicators of safety issues, such as incidents and accidents, through continuous performance evaluation and strategic interventions.

By fostering a culture of safety and continuous improvement, organizations not only enhance their safety metrics but also create a more engaged, aware, and efficient workplace.

EHS Professional Outsourcing



People are undeniably the core of any organization, playing a pivotal role in driving productivity, innovation, and overall success. Despite the advances in technology and automation, the unique skills, creativity, and human element that employees contribute are irreplaceable. Their expertise, innovative capacity, collaborative efforts, and adaptability are essential for operational efficiency, productivity enhancement, and organizational growth.

Recruitment, however, poses significant challenges for many organizations. The process of finding the right candidates is often lengthy and complex, with recruitment teams frequently facing cyclic stress. This situation can result in organizations compromising on the quality of their hires.

As a comprehensive solutions provider, we are equipped with a team of dedicated recruiters who streamline the recruitment process from its conceptual stages. We specialize in meeting the Environmental, Health, and Safety (EHS) manpower all levels and positions. Our process is bolstered by the involvement of in-house domain experts throughout the hiring stages. Their deep understanding and experience allow us to accurately identify and secure the ideal candidates for specific roles.

We are proud to operate India's premier job portal for safety-related positions, available at www.ehsrecruit.com. With over 100,000 qualified EHS professionals registered, this platform significantly enhances our capability to fulfill diverse job requirements. Our dedicated team of recruiters and researchers excels in identifying the perfect match for any job within an optimal timeframe. Moreover, we are committed to ensuring that each candidate is thoroughly trained before commencing their role within the hiring organization, guaranteeing a smooth transition and immediate contribution to the organization's success.

Why choose us?

- 01 Targeted Candidate Shortlisting** Precisely matches candidates to job specifications.
- 02 Efficient Interview Organization** Simplifies the interview process for optimal candidate evaluation.
- 03 Rigorous Candidate Screening** Identifies ideal candidates through comprehensive assessments.
- 04 Customized Training** Offers tailored training to meet role-specific and organizational needs.
- 05 Workforce Quality Improvement** Enhances workforce skills and quality through strategic recruitment.
- 06 Faster Hiring Process** Reduces recruitment cycle time for quicker job fillings.
- 07 Cost Reduction** Decreases recruitment expenses by accurately identifying suitable candidates.
- 08 Higher Employee Retention** Improves job satisfaction and retention by correctly matching candidates to jobs.
- 09 Growth Support** Facilitates organizational growth with aligned talent acquisition strategies.
- 10 Flexible Staffing** Adapts staffing solutions to meet evolving organizational needs.

Post-Recruitment Support

- 01 **Immediate Replacements:** Quick replacement of personnel to ensure operational continuity.
- 02 **Legal Compliances:** Full compliance with legal and regulatory requirements.
- 03 **Employee Insurance:** Comprehensive insurance coverage for employees, including accident & health.
- 04 **HR & Leave Policy Alignment:** Seamless integration with client's HR practices & leave policies.
- 05 **Automated Reports:** Efficient employee performance and attendance tracking through automated reports.

- 06 **Employee Engagement:** Strategies to boost work satisfaction and engagement.
- 07 **Professional Development:** Ongoing training opportunities for skill enhancement.
- 08 **Performance Incentives:** Reward system for recognizing exceptional work.
- 09 **Flexible Staffing:** Adaptable workforce solutions to meet changing business needs.
- 10 **Risk Mitigation:** Strategic approaches to minimize HR and operational risks.

List of Accomplishments

- 01 **EHS Professional Recruitment:** Successfully recruiting EHS professionals globally for over **19** years.
- 02 **Safety Management:** Completed safety management at over **1700** worksites.
- 03 **Shutdown Support:** Supported more than **130** shutdowns, ensuring safety and efficiency.
- 04 **On-call Troubleshooting:** Executed over **100** on-call troubleshooting assignments, addressing urgent safety concerns.
- 05 **EHS Consultancy Services:** Served over **200** companies, providing expert safety solutions and consultancy.

- 06 **EHSF Professional Deployment:** Deployed over **26,000+** Health, Safety, Fire, and Environment (HSSE) professionals, enhancing workforce safety capabilities.
- 07 **Safety Cultural Transformation:** Achieved strong and sustainable transformations in safety culture across organizations.
- 08 **Leading Indicator Improvement:** Significantly increased leading indicators for proactive safety measures.
- 09 **Safety Performance Enhancement:** Reduced lagging indicators, demonstrating notable improvements in safety performance.

Case Study



Talcher Thermal Power Plant HSE Implementation Project Duration: 36 months

Objective

The project focuses on developing a robust safety culture and implementing an effective Health, Safety, and Environment (HSE) Management System during the construction of NTPC Talcher Thermal Power Project (Stage III).

Key Achievements

- **Deployment of Specialists:** Provided over 20 safety specialists, including experts in scaffolding, rigging, work at height, electrical safety, and deep excavation.
- **HSE Training Programs:** Conducted monthly training sessions for NTPC and contractor staff, including leadership boot camps and alignment workshops.
- **Safety Technology Integration:** Introduced a safety MIS and Behavior-Based Safety (BBS) software for monitoring safety compliance, risk assessments, and inspections.

● Audits and Risk Management:

Conducted comprehensive safety audits and implemented corrective actions for high-risk activities such as heavy lifting, confined spaces, and chemical handling.

● Emergency Preparedness:

Organized regular mock drills and health check-ups to prepare for emergencies.

● Promotion of Safety Culture:

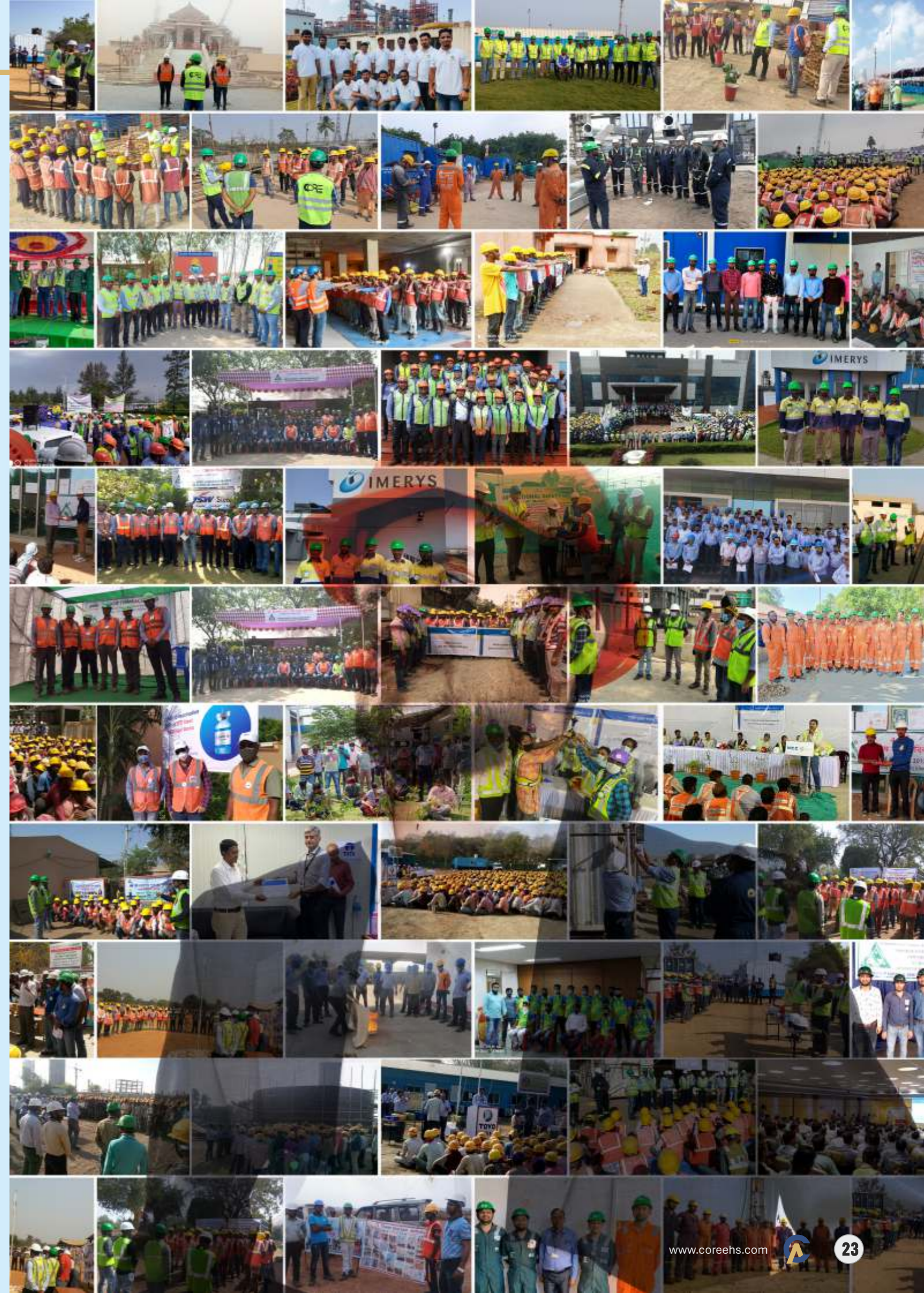
Held motivational campaigns, toolbox talks, and monthly HSE celebrations to enhance worker awareness and morale.

● Environmental Safety Management:

Monitored waste disposal, chemical storage, and housekeeping, ensuring compliance with environmental regulations.

Outcomes

- Reduction in safety incidents and near-miss cases.
- Improved contractor compliance with HSE requirements.
- Establishment of a sustainable safety culture across the project site.



Project Safety Management

Project Safety Management encompasses the strategic planning, organization, and oversight of resources to fulfill specific safety goals within a predetermined timeframe. This process involves crafting an efficient safety system and orchestrating various activities to guarantee the safe completion of projects.

While project management is a recognized practice, we have pioneered the concept of turnkey safety management, covering the entire span of the project. We develop a comprehensive Safety System and assist in its effective implementation.

Our team, comprised of qualified and experienced professionals, works in close collaboration with project owners to achieve the project's safety objectives. With a blend of safety leadership and an on-site safety workforce, we cultivate a culture of safety excellence, driving measurable safety outcomes.

Benefits of Project Safety Management

- 01

Comprehensive EHS Insight
Incorporating in-depth Environmental, Health, and Safety (EHS) intelligence, our methodology upholds the highest safety protocols and industry standards.
- 02

Innovative Technological Solutions
By harnessing state-of-the-art technologies and digital innovations, 1. Software to enhance operational efficiency, 2. Animation and eLearning to boost retention, 3. AR/VR, Simulation modules for immersive learning. We significantly improve safety efficiency.
- 03

Expert Safety Consultation
Our cadre of seasoned safety consultants brings invaluable insights and proven methodologies from a plethora of successful projects to each new endeavor.
- 04

Cross-Industry Safety Expertise
Leveraging the rich experience of professionals across diverse business environments enhances our adaptive and holistic safety strategies.
- 05

Targeted Training Programs
Specialized, results-driven training initiatives are designed to empower project teams with vital safety skills and knowledge, leading to impactful safety practices.
- 06

Deployment of Elite EHS Personnel
Engaging highly skilled EHS staff, we ensure the meticulous application of safety standards and the effective management of EHS protocols on site.
- 07

Strategic Contingency Planning
Our adept problem-solving and contingency planning capabilities allow for the seamless navigation of unexpected safety challenges, safeguarding project continuity.
- 08

Customizable EHS Frameworks
Tailoring EHS management systems to align with project-specific demands, we deliver personalized safety solutions that resonate with the unique challenges of each project.
- 09

Safety Compliance Assurance
Ensuring rigorous adherence to legal and regulatory safety requirements, we mitigate risks and promote a culture of safety compliance within projects.
- 10

Sustainability and Environmental Stewardship
Integrating principles of sustainability and environmental care into our project management practices, we contribute to the conservation of resources and the well-being of communities.

Our Approach & Implementation Plan

- EHS Requirements Identification:** Meticulously & comprehensively detecting specific Environmental, Health, and Safety (EHS) needs for each project.
- Custom EHS Guidelines Development:** Crafting tailored EHS guidelines to align with project-specific demands.
- EHS Documentation Preparation:** Developing comprehensive EHS plans, procedures, and Safe Operating Procedures (SOPs).
- Risk Assessment Documentation:** Creating detailed Hazard Identification (HAZID), Hazard and Operability Study (HAZOP), and Hazard Identification and Risk Assessment (HIRA) documents.
- Training Needs Assessment:** Determining the specific training requirements to address EHS knowledge gaps.
- Training Delivery:** Providing targeted training sessions to equip teams with essential EHS competencies.
- Audits and Gap Analysis:** Performing procedural audits and gap analysis to identify areas for improvement.
- Technological Integration for EHS:** Employing advanced technology for efficient data collection and analysis, enhancing EHS management and oversight.

Case Study

ONGC - Safety Management Consulting Assignment:
Project Duration: 36 months

Objective
The project involves deploying specialized EHS (Environment, Health, and Safety) resources to strengthen ONGC's HSE management systems. The goal is to ensure compliance with safety standards, enhance safety culture, and mitigate risks across onshore and offshore installations.

Key Achievements

- Comprehensive Compliance:**
Ensured adherence to HSE Management System procedures, including hazard identification, work permit system verification, and the use of personal protective equipment (PPE) at all sites.
- Deployment of Resources:**
Deployed 100 Installation Safety Officers across various locations, including 80 for onshore and 20 for offshore operations.
- Risk Assessments and Training:**
Conducted risk assessments, job safety analyses, and regular toolbox talks to promote proactive safety measures.
- Fire and Emergency Preparedness:**
Equipped and trained personnel in fire-fighting techniques and emergency evacuation procedures.
- Comprehensive Reporting:**
Submitted daily and monthly progress reports to ONGC's HSE leadership for real-time updates and decision-making.
- Mandatory Training:**
Organized OPITO-approved BOSIET training for offshore staff and fire safety, first aid, and vocational training for onshore personnel.
- Coordination and Monitoring:**
Appointed dedicated project coordinators to ensure seamless communication between stakeholders and consistent implementation of HSE protocols.

Outcomes

- Strengthened safety culture across ONGC installations.
- Improved incident reporting and hazard mitigation.
- Enhanced compliance with national and international safety standards.

L&T Project in Hazira, Surat, Gujarat:
Project Duration: 38 months

- HSE Professional Deployment:** Deployed over 100 skilled HSE professionals, meeting high safety standards.
- High Safety Performance:** Demonstrated exceptional safety and service excellence, affirming our commitment to operational efficiency.
- Contractor Safety Management:** Implemented rigorous safety protocols for contractors.
- Behaviour Intervention Program:** Introduced programs to positively influence safety behaviours.
- Capability and Competency Building:** Focused on enhancing skills and competencies in safety practices.
- Safety Management System Upgradation:** Upgraded the Safety Management System for better efficacy.
- Integrated EHS Management:** Combined on-site and leadership team efforts for holistic EHS management.
- Safety Culture Enhancement:** Improved on-site safety culture, fostering a safer, compliant environment.
- Emergency Contingencies:** Developed comprehensive plans for prompt emergency response.
- Workmen's Safety Measures:** Prioritized workmen's safety by adhering to standards, providing comfortable accommodations, and ensuring rights and welfare.

This thorough approach on the L&T Hazira project underscores our commitment to upholding superior safety standards, operational excellence, and workforce well-being, establishing a model for project management and safety execution.

Certified EHS Training & Government Approved Courses

EHS Training plays a pivotal role in protecting employees, preventing accidents, ensuring regulatory compliance, boosting productivity, and enhancing organizational reputation. It fosters a safety culture that benefits both individuals and the organization.

Effective EHS Training demands specialized expertise, qualifications, and resources. With traditional training methods becoming outdated, a dynamic and interactive approach is essential.

At CORE-EHS, our training programs are meticulously tailored to meet our clients' specific safety needs and organizational goals. We incorporate industry best practices to craft impactful training sessions. Our innovative use of animated safety movies makes learning engaging and memorable. Our comprehensive training approach combines theoretical knowledge with practical exercises, ensuring tangible safety outcomes and enhanced workplace safety culture.

How we create our Training Programs



CORE-EHS' Training Advantages

CORE-EHS offers a distinctive EHS Training program, merging expert knowledge, innovative methodologies, & recognized accreditations to provide premier safety education:

Expert-Crafted Modules: Designed by seasoned professionals, focusing on essential safety principles.

Innovative Design: Our in-house team enhances learning with creative design and 3D animations.

Interactive Tools: Custom 3D videos, AR/VR, Simulators, online multiplayer games make training immersive and engaging.

Industry-Veteran Trainers: Experienced educators deliver high-caliber training.

Global Access: We offer widespread training, reaching various industries worldwide.

Recognized Accreditation: Endorsed by significant national and international bodies.

Risk Management and Compliance: Focuses on risk strategies and regulatory mastery.

Operational Improvement: Aims at boosting performance and productivity.

Safety Culture Enhancement: Cultivates a deep-rooted safety culture across organizations.

Our concise approach ensures that CORE-EHS's Safety Training not only elevates safety standards but also integrates seamlessly into organizational processes, promoting a sustainable safety culture.

Highlights

- 01** Conducted **45000+** training programs, engaging over **16,00,000** participants since 2007.
- 02** Trained over **200,000** individuals globally in scaffolding at trainee, basic, & advanced levels.
- 03** Successfully completed over **270** batches of **NEBOSH IGC, IOG, & IOSH** courses, alongside **5400+** other certified training programs for EHS professionals.

Case Study



Mine Safety Training Program

Strengthening Safety Performance Through Vocational Training

Client Overview

A leading oil & gas company in Barmer, Rajasthan partnered with CORE-EHS to build a long-term, compliant, and skilled safety workforce across its mining operations. The challenge included high-risk activities, contract-worker turnover, multilingual teams, and strict DGMS compliance requirements.

Our Solution

CORE-EHS delivered a structured 3-year Mines Vocational Safety Training Program at the Mangala Processing Terminal, featuring:

- Modular training on mine safety, emergency response, fire safety & environmental awareness
- Multilingual sessions for diverse workforce groups
- On-site, practical drills, BBS exercises & HIRA activities
- Expert trainers with mining and hazardous-environment experience

Impact Achieved

- Higher awareness of mine safety protocols
- Improved DGMS compliance & internal safety standards
- Reduction in unsafe acts and increase in hazard reporting
- Stronger safety ownership among workers & supervisors
- A proactive, sustainable safety culture integrated into daily operations

Case Study



Customized Training Services for Hindustan Zinc Ltd (HZA)

Client Overview

Hindustan Zinc Ltd (HZA), a leader in zinc, lead, and silver production, is committed to safety and operational excellence. To upskill their workforce, HZA partnered with us to deliver specialized training across critical operational areas.

Training Topics Covered

Comprehensive training was provided on:

- Lift Plan Maker & Approver
- EOT Crane Operator
- Riggers & Signalmen
- Mobile/Hydra Operator
- Scaffolding Inspector & Scaffolder
- Work at Height & Confined Space
- Machine Guarding
- Rigging & Lifting Training

Training Approach

- **Needs Assessment:** Identified skill gaps and specific operational requirements.
- **Tailored Modules:** Created customized, industry-specific training content.
- **Hands-On Practice:** Provided scenario-based learning and real-world simulations.
- **Expert Trainers:** Delivered sessions with experienced industry professionals.

Training Outcomes

- **Enhanced Workforce Competency:** Employees gained advanced skills, improving efficiency.
- **Improved Safety Standards:** Participants adopted better safety protocols, reducing risks.
- **Regulatory Compliance:** Training aligned with statutory and industry safety standards.
- **Operational Excellence:** Reduced downtime and errors through accurate knowledge and best practices.
- **Increased Employee Confidence:** Fostered a culture of safety, boosting morale and professionalism.



List of Trainings

Scaffold Inspector	Authorized Gas Tester	Fork-Lift Operations Safety
Scaffold Supervisor	Mines Vocational Training (MVT)	HSE Training for Line Managers
Advanced Scaffolder	Safety cum Rescue Operation	Testing & Examination of Lifting Machines & Tackles
Basic Scaffolder	HSE legal aspects for EPC Contract Work	Disaster Management plan
Access equipment Safety	LOTOTO	Electric Power System: Transmission & distribution
Advance safety	Machine Guarding	Emergency Evacuation
Basic construction safety	Electrical Safety	Hot Work Safety
Rigging & Slings	Fire Prevention & Fire Fighting	Fire Risk Management & Control
Rigging & Lifting Inspector	Chemical Safety	Importance of Near Miss Reporting
Rigging & Lifting Supervisor	Confined Space Safety	Incident Investigation Procedure/Reporting
Lift Plan Approver/Maker	Training on Risk Assessment (HIRA)	Hazardous (Toxic) materials safety
Riggers	Hydra & Mobile Crane Safety	HAZID/HAZOP Study
Crane Operation	Permit to Work	Hazards & Their Prevention
Behavior Based Safety	OHS in Construction Sector	Painting Safety
Working at Height / Fall Protection	Cross country pipeline Construction work Safety	Safety Supervisor
Process Safety	Defensive Driving	Training of Passenger Hoist Operator

Industrial Safety Training for GET	Materials Handling (Manual & Mechanical)	Shutdown /Maintenance Safety
HAZOP study mechanics	Radiation Safety	Self-Contained Breathing Apparatus (SCBA)
Eco Driving Behavior	Safety committee Effectiveness Measurement & Improvement	Flammable, Combustible and Explosive material Safety
Construction Safety aspects in Tunneling Project, using TBM	Effectiveness of Toolbox Talk	

Environment

Environment Aspect and Impact Studies	Land pollution control and monitor	Sewage treatment
Environmental Monitoring	Noise control & monitoring	Waste management
Air Pollution Control and Monitor	Water pollution control and monitor	

Health

First-Aid Training & Certification	Occupational Health Hazards	Stress Management
CPR (Cardio-Pulmonary-Resuscitation)	Drug & Alcohol Awareness	AIDS & STD Awareness
Occupational Health & Hygiene	Ergonomics	Respiratory Protection

Government Approved & International OSHE Programme

A crucial segment of CORE-EHS, stands as a pioneering institution offering an extensive array of EHS programs and certified courses at all levels. This initiative is designed to empower successful candidates with advanced skills, paving the way for substantial job opportunities both within India and globally. As the educational wing of our training division, We are committed to equipping the youth with viable career paths in the Environmental, Health, and Safety (EHS) sector. Our philosophy is that empowering the younger generation catalyzes community development, which in turn fosters India's national advancement. Featuring a comprehensive curriculum, state-of-the-art training facilities, fully-equipped laboratories, and highly skilled faculty, We have become the preferred destination for individuals focused on a career in EHS.

Our Trainer Profiles & Delivery

Our plethora of trainers consists of technical and management professionals who have acquired qualifications from professional institutions. They have gained experience working in both green field and brown field projects in various roles before transitioning into OHSE fields to assume HSE responsibilities. Our trainers are selected from diverse industries, utilizing their knowledge and experience to provide practical insights to participants. As part of our effective training delivery, we use various methods, including group exercises, sharing experiences, problem-solving based on actual work situations, and arriving at safe solutions.

Accredited & Approved



Core Values



Strive for Excellence: We are steadfast in our dedication to attaining the pinnacle of education and training standards.



Integrity in Our Conduct: Integrity and ethical principles are the cornerstones of all our interactions and undertakings.



Knowledge-Driven Solutions: We prioritize the significance of making informed decisions and adopting effective practices in EHS.



Commitment to EHS Innovation, Excellence, and Competence: Our commitment extends to being at the forefront of EHS innovation, nurturing excellence and competence in the field.



Teamwork-Driven Growth: We believe that collective efforts and collaboration are the driving forces behind our progress and success.



National and International Accreditation and Recognition - We are distinguished not only by its comprehensive educational offerings but also by its esteemed national and international accreditations and recognition.

At CORE EHS, we're dedicated to nurturing the EHS industry's future leaders, providing them with essential tools and knowledge to thrive and make impactful contributions to society and the environment.



Long Term Courses

Safety Steward NSQF Level : 4 Duration : 2.5 Months
Safety Supervisor (OSHE) NSQF Level : 4.5 Duration : 3 Months
Safety Executive (OSHE) NSQF Level : 5 Duration : 3.5 Months
Safety Auditor NSQF Level : 5 Duration : 3.5 Months
Safety Inspector (OSHE) NSQF Level : 5.5 Duration : 3.5 Months
Manager (OSHE) NSQF Level : 6 Duration : 4 Months
Ergonomics Safety Steward NSQF Level : 4 Duration : 2 Months
Electrical Safety Supervisor NSQF Level : 5 Duration : 3 Months
Traffic Safety Marshal NSQF Level : 2.5 Duration : 1.5 Months
Fire Safety Officer NSQF Level : 5 Duration : 3 Months
Basic Scaffold Inspector NSQF Level : 4.5 Duration : 2.5 Months
Advance Scaffold Inspector NSQF Level : 5 Duration : 3 Months
Scaffold Design Engineer NSQF Level : 6 Duration : 3.5 Months
Basic Rigger NSQF Level : 3 Duration : 1.5 Months
Advance Rigger NSQF Level : 4 Duration : 2 Months
Lifting & Rigging Supervisor (Safety) NSQF Level : 4.5 Duration : 2.5 Months
Crane Inspector (Safety) NSQF Level : 5.5 Duration : 3 Months

RPL Courses

Safety Steward NSQF Level : 4 Duration : 3 Days
Safety Supervisor (OSHE) NSQF Level : 4.5 Duration : 3 Days
Safety Executive (OSHE) NSQF Level : 5 Duration : 3 Days
Safety Auditor NSQF Level : 5 Duration : 5 Days
Safety Inspector (OSHE) NSQF Level : 5.5 Duration : 5 Days
Manager (OSHE) NSQF Level : 6 Duration : 5 Days
Ergonomics Safety Steward NSQF Level : 4 Duration : 3 Days
Electrical Safety Supervisor NSQF Level : 5 Duration : 3 Days
Traffic Safety Marshal NSQF Level : 2.5 Duration : 1 Day
Fire Safety Officer NSQF Level : 5 Duration : 3 Days
Basic Scaffold Inspector NSQF Level : 4.5 Duration : 3 Days
Advance Scaffold Inspector NSQF Level : 5 Duration : 3 Days
Scaffold Design Engineer NSQF Level : 6 Duration : 5 Days
Basic Rigger NSQF Level : 3 Duration : 2 Days
Advance Rigger NSQF Level : 4 Duration : 3 Days
Lifting & Rigging Supervisor (Safety) NSQF Level : 4.5 Duration : 3 Days
Crane Inspector (Safety) NSQF Level : 5.5 Duration : 3 Days

Upskilling through 3D Animation & eLearning Solutions

Our seasoned safety domain experts work closely with our in-house animation studio technocrats to craft engaging, accurate, and effective safety videos. From the initial concept stage, our experts conduct thorough analyses of client requirements and policies to ensure each video achieves its intended impact. The collaboration extends across our team of creative professionals, including scriptwriters, photographers, modelers, animators, sketch artists, editors, and narrators, who each play a pivotal role in the video development process.



Employee/Visitor Orientation
Training Program



Technical Training Videos



Recreating Incidents



Standard Operating
Procedures



Equipment/Process
Description



Benefits of Using 3D Animations in EHS

- Enhanced Learning:** By engaging both visual & auditory senses, animated content facilitates easier and more lasting information retention.
- Real-life Replication:** Accurately simulates workplace scenarios, providing practical insights into common safety issues.
- Consistent Delivery:** Ensures messages are conveyed uniformly to all viewers.
- Engagement:** Uses emotionally resonant elements to capture and maintain audience attention.
- Multilingual Support:** Can be tailored to various languages, making it suitable for diverse audience groups.
- Wide Accessibility:** Understandable to both literate & non-literate members of the workforce.
- Visual Demonstration:** Ideal for showcasing processes that cannot be observed directly in real life.

Through customized 3D OEHS movies and video films, we offer a dynamic and impactful method of safety training, significantly enhancing the learning experience maximizing retention and fostering a culture of safety across organizations.

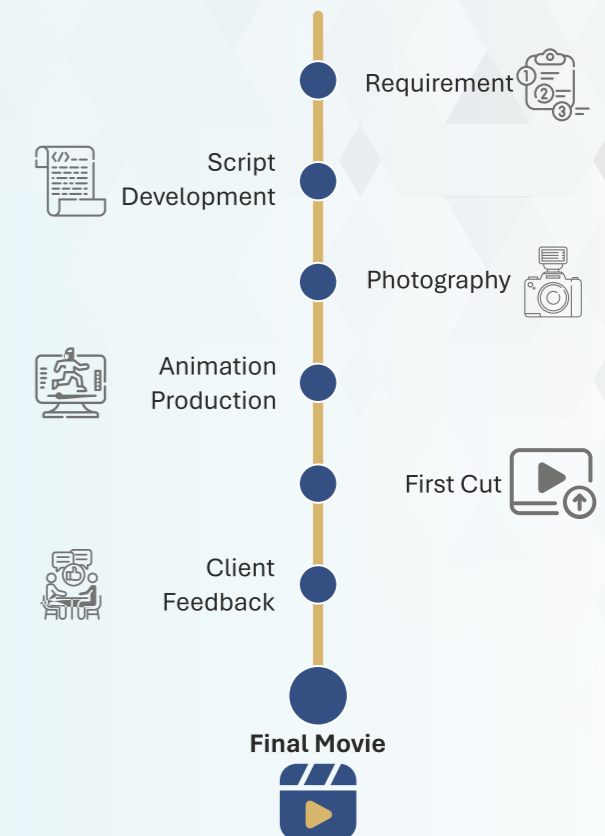
Milestones Achieved in EHS Animation and eLearning.

- Extensive Video Library:** Successfully developed more than 2000 hours of EHS animated videos, covering a wide range of safety topics.
- Industry-Wide Applications:** Provided EHS animated videos tailored to the unique needs of all industrial sectors, demonstrating versatility & comprehensiveness.
- Safety Impact:** Contributed significantly to the reduction of near-misses and incidents in workplaces, underlining the effectiveness of our animated safety videos.
- Customized Content:** Created over 200 minutes of customized EHS animated movies for a single company, showcasing our ability to meet specific client requirements.
- eLearning Development:** Developed over 50 distinct eLearning modules that incorporate 3D animation videos, enhancing the learning experience and engagement.

These milestones reflect our dedication to improving workplace safety through innovative and engaging educational materials, affirming our commitment to excellence in EHS training.



Development Process



Case Study

SIEMENS

Siemens Safe Manual HDD Moling Activity Video

Challenge

Train workers on safe manual HDD moling procedures for cable laying in active track environments.

Solution

We created a 5-minute video showcasing:

- Step-by-step procedures for safe manual HDD moling.
- Safety precautions to follow throughout the activity.
- Proper use of duct rodders and Chinese fingers for cable laying

Benefits

- The visually engaging and structured video provided workers with clear, step-by-step instructions, enhancing their confidence and skills in manual HDD moling techniques.
- By visually highlighting safety precautions, the video helped workers anticipate and mitigate potential hazards during cable laying.
- The concise and engaging format reinforced critical safety protocols, ensuring workers followed them diligently throughout the activity.

AR/VR-Based Learning in EHS

Augmented Reality (AR) and Virtual Reality (VR) technologies have revolutionized Environmental, Health, and Safety (EHS) training, offering immersive, interactive learning experiences that enhance understanding and retention of safety protocols.

Key Advantages

- Realistic Simulations:** AR/VR creates realistic work environments and scenarios, allowing trainees to experience and navigate through complex safety situations without real-world risks.
- Enhanced Engagement:** The immersive nature of AR/VR captures the attention of learners, significantly improving engagement and participation in safety training sessions.
- Immediate Feedback:** These technologies provide instant feedback on actions taken during simulations, facilitating immediate learning and correction of mistakes.
- Customizable Scenarios:** Training modules can be tailored to specific industry hazards, workplace environments, or safety challenges, making the learning experience relevant and directly applicable.
- Safe Practice Environment:** AR/VR allows employees to practice response to emergencies and hazardous situations in a controlled, safe environment, building confidence and competence.
- Increased Retention:** The interactive, hands-on experience provided by AR/VR aids in better retention of safety procedures and protocols, leading to improved workplace safety practices.
- Accessibility:** AR/VR training can be accessed from anywhere, making it easier to train a geographically dispersed workforce or to refresh knowledge without the need for physical presence.
- Cost-Effective:** Over time, AR/VR training can reduce training costs by minimizing the need for physical materials, travel, and facilitator time while maximizing training effectiveness.

Incorporating AR/VR into EHS training programs represents a forward-thinking approach to safety education, leveraging cutting-edge technology to prepare workforces for the complexities of modern workplace safety management efficiently and effectively.

List of AR/VR EHS modules developed by us

Basic Electrical Safety	Work at Height Risk Management	Safe Entry into Confined Spaces
Fire Prevention techniques	Conveyor Belt Safety Training	Chemical Handling
LOTOTO implementation	EOT Cranes Operational Safety Training	Static Cranes Operation Safety
Mobile Cranes Operation Safety	Hot Work - Arc Welding	Hot Work - Gas Cutting Safety
Drilling Process	Mines Driller Safety	Blasting Process Safety
Blaster and HEO Safety	HEMM Operator Safety	Safe Handling of Mines Explosives
HEMM Maintenance	Electrical Energy Isolation Training	Scaffold Erection and Dismantling Training
Fire Watcher Safety	Loco Operator Safety	Lifting and Supporting of Loads
Roof Sheet Erection	Rigger Safety	Alternative Fuel Unloading Safety
Pump, Fan, Compressor Maintenance	HT Motor Replacement	

Simulator based Learning in EHS



Simulator-based learning introduces a transformative approach to Environmental, Health, and Safety (EHS) training, leveraging advanced simulation technology to recreate workplace scenarios and hazards in a virtual environment. This method offers an immersive, interactive learning experience that significantly enhances comprehension and retention of EHS protocols.

Key Advantages

- 01 | **Hands-On Experience:** Simulators provide a practical learning environment where employees can gain hands-on experience with EHS procedures without the risk of real-world consequences.
- 02 | **Realistic Scenarios:** Tailored simulations mimic actual workplace conditions and hazards, allowing trainees to understand and navigate complex safety situations effectively.
- 03 | **Risk-Free Environment:** Learners can practice responding to emergencies and dangerous situations in a controlled setting, which builds confidence and competence in handling real-life scenarios.
- 04 | **Enhanced Engagement:** The immersive nature of simulator training increases learner engagement and interest, making EHS education more compelling and impactful.
- 05 | **Immediate Feedback:** Simulation training offers instant feedback on decisions and actions, enabling quick learning and adjustment to improve safety performance.
- 06 | **Customizable Content:** Training modules can be specifically designed to address unique industry risks and organizational safety challenges, ensuring relevance and applicability.
- 07 | **Cost Efficiency:** While initial setup costs may be higher, simulator-based training can be more cost-effective in the long run by reducing the need for physical resources, travel expenses, and potential injury-related costs.
- 08 | **Scalability:** Simulations can be easily scaled and updated to accommodate new safety standards, technologies, or procedures, ensuring training remains current and effective.

Simulator-based learning in EHS represents a significant advancement in safety training, offering an innovative, effective way to prepare employees for the complexities of workplace safety and ensuring they are well-equipped to maintain a safe working environment.

Simulators developed

EOT Crane Operation for Steel Industry

EOT Crane Operation for General Work

Heavy Dumper Truck in Mines environment

Truck Driving

Four-wheeler Driving

Simulators under development

Loco Operator

Mobile Crane

Hydra Crane

Forklift Operator

Grinder and Cutter



Safety Games & Assessments

Turning Safety into a Game, Because Learning Sticks When It's Lived.

Overview:

Traditional training tells.

Gamified safety learning transforms.

CORE-EHS introduces **Safety Games & Assessments** - a powerful experiential learning approach where employees actively participate, think critically, and apply safety knowledge through engaging, interactive formats.

Every challenge is designed to simulate real-world decisions workers face on the job, from hazard identification and emergency response to PPE selection and task sequencing.

By embedding these learnings in a game-like environment, participants develop reflexive safety behaviour that endures long after the activity ends.

How it works:

- 01 Scenario-Based Challenges:**
Realistic workplace simulations test awareness, quick thinking, and safe decision-making.
- 02 Team Play & Problem Solving:**
Teams collaborate to navigate hazards, reinforcing communication and accountability.
- 03 Instant Feedback & Rewards:**
Players see the outcomes of their choices, encouraging self-correction and motivation.
- 04 Safety IQ Assessments:**
Data-driven evaluation of safety knowledge, behavioural patterns, and risk perception.
- 05 Skill Reinforcement:**
Activities built to enhance memory retention, situational judgment, and safety reflexes.

Why It Matters:

"Employees participate in interactive challenges that test decision-making and reward safe choices."

Gamification bridges the gap between **training and behaviour**, creating an immersive experience that's both **educational and energizing**.

It turns safety into a habit, not a checklist.

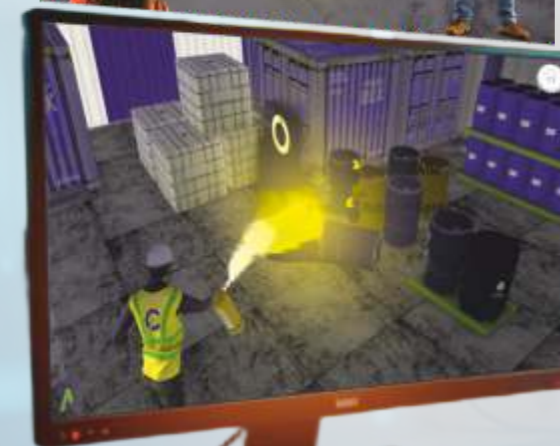


Benefits:

- Enhances engagement and retention of safety concepts
- Builds critical thinking and team communication
- Reduces incident probability through behavioural reinforcement
- Creates a positive safety culture that celebrates awareness
- Supports competency mapping and measurable outcomes



From passive learning to active mastery, gamified safety makes every lesson unforgettable.





AI/ML Integrated EHS Software & Apps

Software Portfolio

- CORE e-PTW
- CORE EHS DASHBOARD
- CORE ScafEdge
- CORE Skill Hub
- CORE ART
- CORE CSM360
- CORE IRIS
- CORE BBS
- CORE EQP360
- CORE JHA
- CORE SafeLift360™
- CORE RACI
- CORE EHS360™
- CORE LOTO



AI-integrated EHS software streamlines environmental, health, and safety management, enhancing operational efficiency and supporting data-driven decision-making. This sophisticated software automates essential tasks such as audits, training, incident reporting, and data analysis, driving significant improvements in productivity.



- 300+ Implementation
- 50000+ Active Users
- 17+ Years' experience in EHS Domain
- 35+ EHS Modules
- 90% Customer Retention

Key Advantages












- 01 **Time and Effort Savings:** Custom software for EHS functions significantly cuts down on the time and effort required for routine tasks.
- 02 **Expert Collaboration:** Developed in collaboration with seasoned EHS domain experts and our technical team, the software is both innovative and grounded in practical application.
- 03 **Comprehensive Automation:** Automates a wide range of EHS management tasks, including data analysis, maintenance scheduling, work permit management, and compliance.
- 04 **Enhanced Compliance:** Simplifies adherence to regulatory requirements, facilitating more efficient compliance management.
- 05 **Data-Driven Decisions:** Provides advanced analytics and real-time insights, enabling businesses to make informed EHS decisions.
- 06 **Incident Reduction:** Strategically designed to minimize workplace incidents through proactive risk management and safety protocol automation.
- 07 **Improved Efficiency and Productivity:** By reducing manual workload and streamlining EHS processes, the software directly contributes to enhanced operational efficiency and productivity.

Our AI-integrated EHS software represents a comprehensive solution for modern EHS challenges, offering a seamless approach to managing safety, health, and environmental responsibilities in the workplace.

Software Implementation Highlights

- 01 **Safety Maturity Survey & Gap Identification:** Utilized across various sectors with over 25,000 users, this tool aids in identifying safety gaps and maturity levels.
- 02 **ART Apps and Applications:** Based on international benchmarks, this tool supports incident reduction across multiple industries with over 50,000 users.
- 03 **BIP Application:** Grounded in behavioral science, utilized by behavior observers for interventions.
- 04 **Contractor Safety Management:** Employed for managing contractors and implementing a 5-Star safety rating evaluation system.
- 05 **Risk Assessment and Management Tool:** Incorporates PSM, Hazop, Bow-tie, HIRAC, JHA methodologies, and is utilized by 15,000+ users in India and internationally.
- 06 **Scaffolding Management Software:** Streamlines scaffold management for a leading global construction firm, enhancing team productivity and efficiency.
- 07 **Comprehensive EHS Management Software:** Implemented in one of India's major infrastructure and energy companies, includes comprehensive modules for enhanced safety management.
- 08 **Permit to Work Software:** Reduces permit approval times through automated workflows in one of India's largest thermal power plants.
- 09 **User Engagement:** Our diverse software solutions have garnered over 100,000 active users, demonstrating their widespread acceptance and impact on operational safety and efficiency.

Benefits of EHS Software

-  **Real-Time Monitoring:** Offers instant oversight of safety indicators, aiding swift risk identification and mitigation.
-  **Accurate Data Analysis:** Facilitates precise data evaluation for strategic safety decisions & improvements.
-  **Effortless Data Collection:** Simple, intuitive tools streamline data gathering, reducing manual effort & errors.
-  **Minimal Training Requirements:** User-friendly interface minimizes the need for extensive training, ensuring quick adoption.
-  **Data Security:** Employs robust security measures to protect sensitive safety information and comply with data protection regulations.
-  **KPI Dashboard:** Centralized monitoring of critical metrics, offering a comprehensive safety performance overview.
-  **Customized Processes:** Adaptable software features cater to specific organizational needs, enhancing operational efficiency.
-  **Enhanced Compliance Management:** Streamlines adherence to regulatory standards, simplifying compliance processes.
-  **Improved Incident Management:** Facilitates detailed incident logging, investigation and follow-up, promoting a safer workplace.
-  **Automated Alerts and Notifications:** Keeps teams informed of tasks, deadlines, and safety alerts, ensuring timely actions.
-  **Scalability:** Easily scales with organizational growth, supporting expanding safety management needs without additional complexity.

Case Study



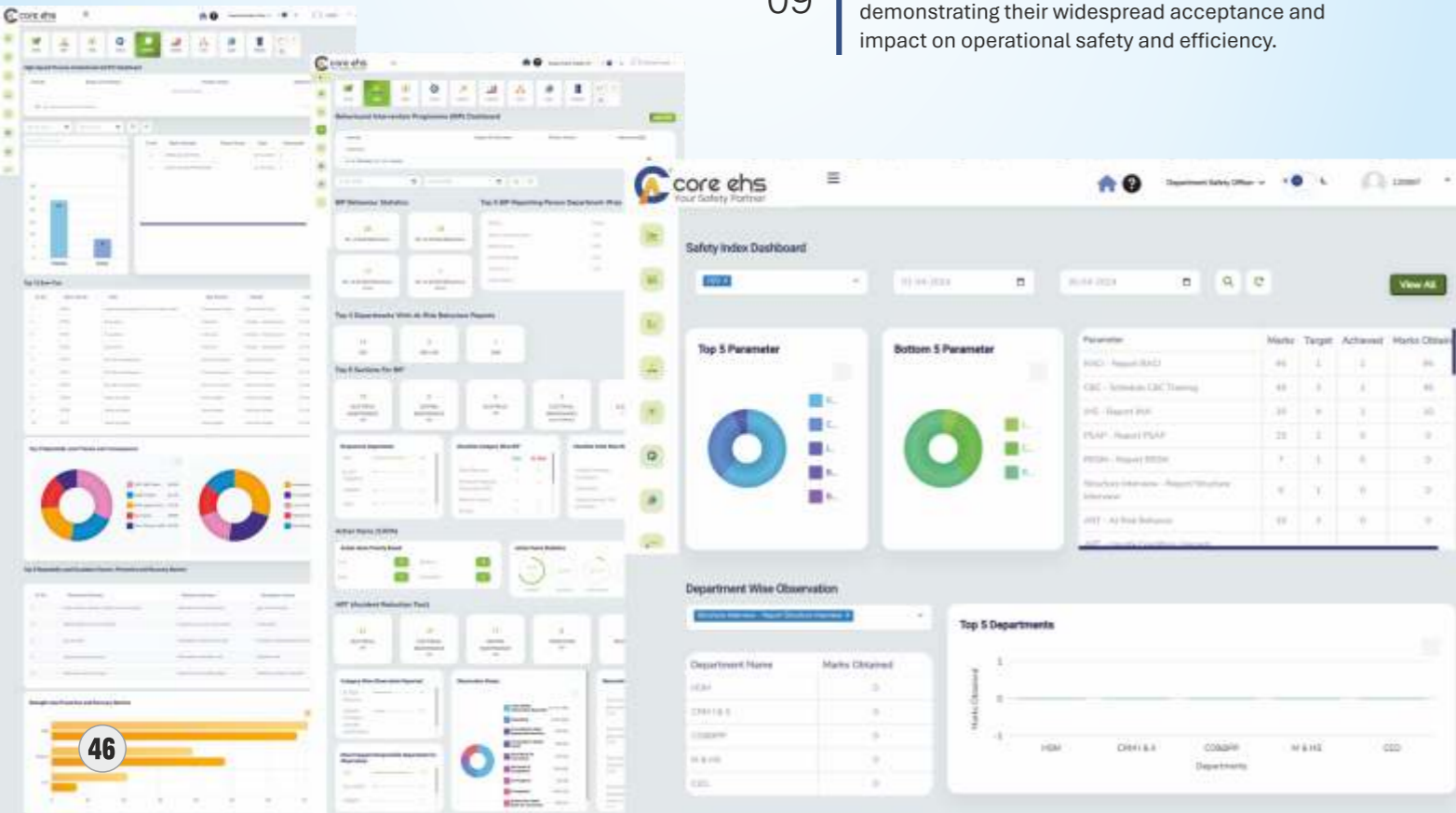
Digital Safety Management at NTPC Talcher – Project SURAKHI

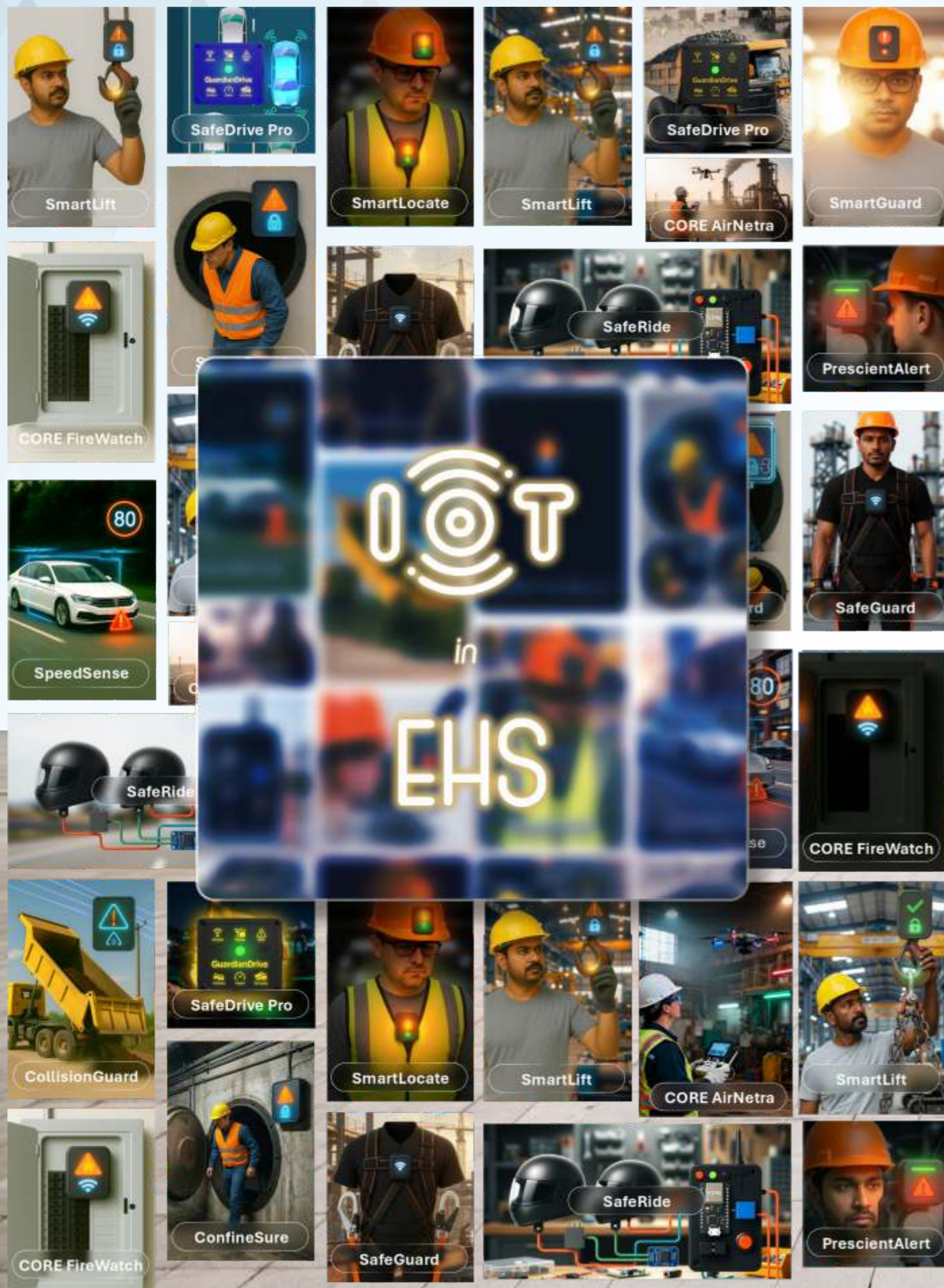
Challenge
NTPC Talcher sought to enhance safety performance by digitizing their safety management system and implementing robust man-hour tracking.

- Solution**
A customized digital platform with four integrated modules was developed:
- **Core Safety:** Accident/near-miss reporting, CAPA tracking, real-time monitoring, and a Behavior-Based Safety (BBS) program.
 - **Training Management:** QR code attendance, schedule management, competency tracking, and performance analytics.
 - **Workforce Safety Analytics:** Man-hour tracking, safety performance metrics, labor utilization analysis, and compliance reporting.

- Benefits**
- **Operational:** Streamlined reporting, improved training effectiveness, precise man-hour tracking, and data-driven safety insights.
 - **Digital:** Paperless documentation, instant data access, automated reporting, and enhanced compliance monitoring.

Impact
Project SURAKHI has transformed NTPC Talcher's safety management by enabling data-driven decision-making, accurate performance measurement, and efficient resource utilization, setting a benchmark for digital safety practices.





IoT Solutions

From predictive safety to digital permits, our IoT ecosystem transforms industrial safety, efficiency, and decision-making.

Industrial sites face dynamic hazards every day, from worker injuries and equipment failures to high-voltage risks and collisions.

Traditional safety systems react after something happens.

Our IoT solutions act before.

With a network of intelligent sensors, connected devices, and predictive analytics, CORE EHS builds a **proactive, connected safety ecosystem** that continuously monitors workers, equipment, and the environment, preventing incidents before they occur.



Real-time visibility. Predictive intelligence.
Smarter Safety. Stronger Future.

Our IoT Product Suite

A fully modular platform designed for high-risk industries



IoT Solutions

Why Industries should trust our IoT Solutions

- 01 End-to-End Coverage:** Workforce, equipment & environmental safety under one network.
- 02 AI + IoT Intelligence:** Predictive insights that prevent incidents before escalation.
- 03 Modular & Scalable:** Deploy one solution or integrate the full suite seamlessly.
- 04 Industry-Proven:** Trusted by leaders in steel, power, oil & gas, and manufacturing.
- 05 Compliance-First Design:** Meets international safety & data security standards.

Where Our IoT Works Best

- Steel & Manufacturing Plants:** Real-time worker, crane, and machinery monitoring.
- Oil, Gas & Petrochemicals:** Permit automation and fire/collision prevention.
- Mining & Construction:** Worker tracking and hazard detection across wide areas.
- Power Plants & Substations:** Transformer and electrical panel safety monitoring.
- Warehousing & Logistics:** Vehicle & pedestrian safety through collision prevention.

Proven Impact. Real Results.

- IoT 35% reduction in downtime** via predictive maintenance.
- IoT Zero-collision zones** achieved in refinery operations.
- IoT 60% faster permit approvals** using SafePermitX.
- IoT Predictive alerts** prevented high-risk incidents with IncidentAI.







Smart safety.
Smarter returns.



Development of EHS Plans & SOPs

The formulation of EHS Standards, SOPs, plans, and procedures is fundamental in ensuring workforce protection, accident prevention, and compliance adherence. It also plays a crucial role in maintaining an organization's reputation. These safety frameworks serve as the cornerstone of organizations, guiding safe actions & practices across all levels.

Our methodology for establishing an effective safety system includes:

-  **EHS Plan and Procedure Setup:** Crafting comprehensive EHS plans and procedures tailored to your company's specific needs and goals.
-  **EHS Risk Documentation:** Identifying and documenting unique EHS risks present at the work site.
-  **Risk Impact Assessment:** Analyzing risks to assess their potential impact on the organization's OHSE (Occupational Health, Safety, and Environment).
-  **Proactive Safety Preparations:** Developing proactive and preventive safety plans and procedures to mitigate identified risks.
-  **Emergency Procedure Design:** Creating specific procedures for post-incident scenarios to ensure swift and effective response.
-  **Emergency Preparedness Planning:** Formulating a detailed emergency plan, ready to be activated in case of unforeseen incidents.

Our approach ensures comprehensive coverage of safety aspects, from preemptive planning to emergency response, making us a trusted partner for reputable organizations seeking to implement productive and reliable safety systems.



Benefits to the client

- 01 **Tailored SOP Development:** Direct collaboration with site maintenance teams to create SOPs tailored to specific needs, enhancing operational safety and efficiency.
- 02 **Comprehensive Training Programs:** Training for both permanent employees and contract workforce to ensure seamless implementation of safety procedures.
- 03 **Strategic Objective Setting:** Establishing clear, achievable objectives to meet contractual commitments, aligning with overall safety and business goals.
- 04 **Cost-Effective Software Solutions:** Implementing affordable software tools for efficient documentation, monitoring, and safety process control.
- 05 **Continuous Improvement:** Regularly reviewing and updating safety procedures and training to adapt to changing regulations and industry best practices.
- 06 **Incident Management:** Developing robust systems for incident reporting, investigation, and response to minimize risks and impacts.
- 07 **Compliance Assurance:** Ensuring all safety procedures and SOPs are in full compliance with local and international regulations.
- 08 **Risk Assessment and Management:** Conducting thorough risk assessments and implementing strategies to mitigate identified risks effectively.
- 09 **Engagement and Communication:** Fostering a culture of safety through active engagement and clear communication across all levels of the organization.
- 10 **Performance Monitoring:** Utilizing key performance indicators (KPIs) to track and evaluate the effectiveness of safety procedures and interventions.

These additional benefits reflect our comprehensive approach to safety management, providing clients with a robust framework for protecting their workforce, ensuring compliance, and achieving operational excellence.



Gap Identification, Audits & Compliance Management

Audits are crucial for a systematic identification of risks, adherence to regulations, and the protection of workforce welfare. Conducting neutral, third-party audits allows organizations to uncover gaps in their safety procedures and discover effective strategies for improvement. These evaluations necessitate the expertise of safety specialists with deep domain knowledge.

Our services include conducting thorough audits and assessments, during which we identify deviations from and non-compliance with safety standards. We provide recommendations grounded in national/international regulations, global best practices, & practical solutions tailored to align with the client's existing policies and procedures. Our aim is to ensure not only compliance but also the enhancement of overall safety management within the organization.

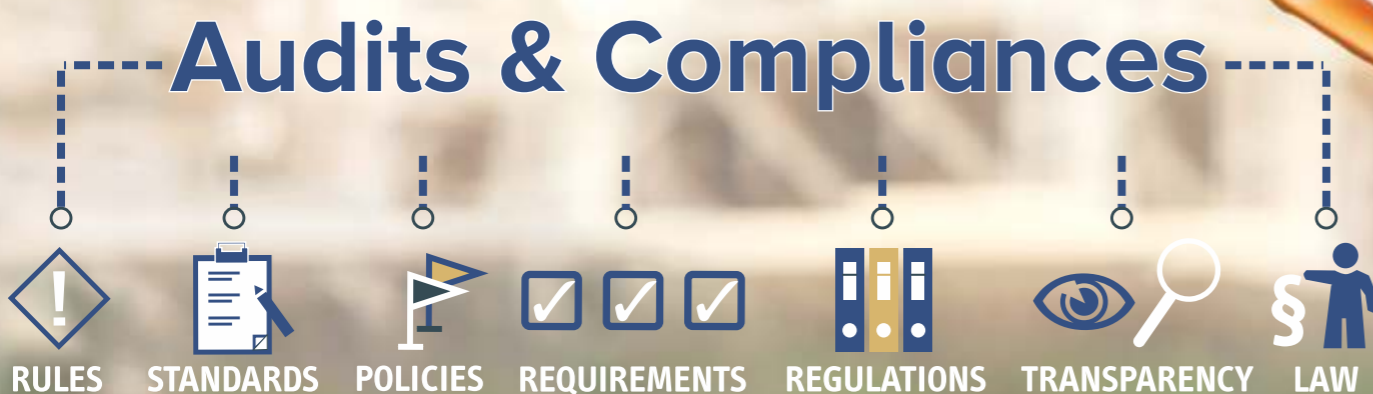
Highlights of Our Accomplishments

- 01 Cairn India Ltd., Barmer, Rajasthan:** Successfully conducted a comprehensive audit in the oil & gas extraction unit, significantly enhancing safety standards.
- 02 Bokaro and Burnpur Steel Plants (SAIL):** Executed a detailed Process Safety Compliance Audit, affirming and elevating safety practices.
- 03 Essar Steel Plant, Hazira, Surat:** Implemented the Lockout Tagout Tryout (LOTOTO) system, supported by an in-depth feasibility study and audit report, to improve safety protocols.
- 04 General Motors Independent Audit:** Partnered in conducting an independent, third-party audit for General Motors, in collaboration with their American principals, ensuring global safety standards compliance.
- 05 Industry-Wide Audits:** Completed over 200 audits and compliance assessments across various sectors, aiding industries in identifying and mitigating safety gaps for desired outcomes.

Benefits of Audits & Compliances to the Client

- 01 IS 14489:1998 Workplace Audit:** Conducting comprehensive workplace safety audits in accordance with IS 14489:1998, ensuring systematic risk management and safety compliance.
- 02 Adherence to Standards:** Ensuring compliance with national and international standards, including ISO 45001, EMS 14001, OSHA, EN Standards, & OISD, enhancing global safety practices.
- 03 Specialized Audits:** Offering tailored audits designed to address specific areas of concern or operational aspects, providing focused insights and recommendations.
- 04 Incident-Specific Audits:** Conducting detailed investigations and audits in the aftermath of incidents or events to uncover root causes and prevent recurrence.
- 05 Fire Risk Assessment:** Performing fire risk assessments as mandated by the Factories Act, 1948, NFPA, NBC, to identify potential hazards and implement effective fire safety measures.
- 06 National Compliance Audits:** Aligning audits with national safety regulations and standards, ensuring comprehensive legal compliance.
- 07 Regulatory Requirement Recommendations:** Providing expert advice on essential regulatory requirements based on thorough audit findings, bridging compliance gaps.
- 08 Practical Solution Suggestions:** Recommending actionable and realistic solutions that are in harmony with the client's internal policies, facilitating seamless safety improvements.
- 09 Global Best Practices Implementation:** Advising on the adoption of global safety best practices to elevate workplace safety and operational efficiency.
- 10 Enhanced Safety Culture:** Contributing to the development of a robust safety culture within the organization through proactive risk management and compliance efforts.

These benefits collectively enhance the client's safety management system, ensuring not only compliance with regulations but also a safer and more efficient working environment.



Safety Supervision Through Drones



The New Eye of Safety
Smarter | Faster | Higher

Safety supervision is evolving, and technology is taking it higher.

CORE EHS brings **Drone-Based Safety Supervision**, integrating advanced aerial monitoring with AI-powered analytics to ensure **real-time visibility** across complex and high-risk sites.

From construction scaffolds to refinery towers, drones reach the spaces human eyes can't, **detecting unsafe acts, conditions, and deviations** with precision and speed.

This enables supervisors to **act immediately**, prevent incidents, and strengthen compliance like never before.

How it Works:

Live Aerial Surveillance:

High-resolution drones provide 360° views of worksites, monitoring personnel and equipment.

AI-Driven Risk Detection:

Machine vision identifies unsafe behaviour, PPE non-compliance, and critical zone breaches.

Integrated Alerts:

Real-time notifications to site supervisors enable prompt corrective action.

Data Logging & Reporting:

Every flight captures visual evidence, time-stamped for audits and root-cause analysis.

Thermal & Night Monitoring:

Drones equipped with thermal imaging enhance visibility during low-light or high-temperature operations.



Why It Matters:

"They capture live visuals, detect unsafe conditions, and enhance supervision during critical operations."

Drones extend the safety officer's reach, offering **eyes in the sky** that never miss a detail.

Whether for daily observation or emergency response, this technology ensures **faster identification, faster reaction, and fewer risks**.

Benefits:

- ✂ Boosts **efficiency of supervision** across large or hard-to-reach zones
- ✂ Enables **proactive hazard identification** before escalation
- ✂ Supports **data-backed decision-making** and reporting
- ✂ Minimizes human exposure to **unsafe or elevated areas**
- ✂ Strengthens overall **site safety compliance and accountability**

When human expertise meets aerial intelligence, supervision becomes truly safe, smart, and scalable.



On-Site Drone Operations



Scaffolding Management Systems



Scaffold Management Software

Simple & Customized System Aimed at Promoting Safe Working Practices



Scaffold Design

Scaffold design expertise with vast portfolio from simple to most complex designs



Scaffold Inspection & Audit

Regular inspection/certification is required to ensure the stability



Scaffold Certified Training

Advanced/Basic/Trainee, Inspector, Supervisors, Engineers & Managers



Scaffold Contractor

Tubes & Fittings, Cuplock System, Ring lock



Rental & Supplier

Scaffold on Rental, Scaffold Manpower Supplier

Scaffolding operations are among the highest risk activities in any project, presenting hazards such as falls, structural instabilities, and equipment failures. Recognizing these risks, our scaffolding management services prioritize stringent safety protocols, comprehensive inspections, specialized training, fall protection measures, and scaffold stability to mitigate risks and enhance workplace safety.

Extensive Project Capacity:

Successfully contracted to erect and dismantle over **45** million cubic meters of scaffolding across various projects.

Vast Personnel Database:

Our database boasts over **100,000** scaffolding personnel, showcasing our extensive network and resource availability.

Large-Scale Deployment Capability:

Ability to deploy over **700** scaffolding personnel directly to client organizations, demonstrating our scalability & flexibility

Certified Training Excellence:

Trained **41,000+** individuals as Certified Scaffolding Inspectors & Supervisors, ensuring high levels of expertise and safety.

Broad Training Programs:

Provided training for over **3 lac** individuals in scaffolding skills, highlighting our commitment to education & workforce development.

Substantial Material Resources:

Own approximately **1,000** tons of high-quality scaffolding materials, ready for deployment on projects of any scale.

Proven Track Record as a Contractor:

Celebrating **19 years** of excellence as a successful Scaffolding Contractor, emphasizing our experience and reliability.

Established Training Institution:

Recognized for **18 years** as a leading Scaffolding Certified Training Institution, underlining our dedication to professional development and safety standards.

Key Advantages

- 01 Comprehensive Team Development:** We build highly trained and competent scaffolding teams, right from trainees to engineers and managers, ensuring expertise at every level.
- 02 Tailored Team Deployment:** Our services include the deployment of specialized scaffolding teams for erection, dismantling, inspection, and other critical tasks, tailored to meet specific project requirements.
- 03 Quality Assurance:** We conduct rigorous quality checks on all scaffolding materials, guaranteeing their safety and reliability for use.
- 04 Turnkey Project Execution:** Our expertise extends to managing complete turnkey scaffolding projects, overseeing all aspects from planning to execution.
- 05 Customized Scaffolding Solutions:** Understanding that each project has unique needs, we offer bespoke scaffolding solutions designed to address specific challenges and requirements effectively.

Our scaffolding management services are designed to ensure not only the structural integrity of scaffolding but also the safety and efficiency of operations, providing a secure environment for all involved.

Type of Scaffolding System



Let us build, your scaffolds



Testimonials



On behalf of the entire team (Battery #8,9), I would like to congratulate you on successfully completing the daily assignment (2016-2017) and providing a wonderful execution of the same. It's all because of the dedication and hard work of you and your team that our department could complete scheduled and challenging work on time with success and safety throughout the year.

I am aware that there are days when all of you have spent long working hours and worked overtime just to finish the project. I feel proud that I have such a wonderful team, and you have led the team in the right direction. We sincerely appreciate your role in the success and wish that you would keep up the good work in the future as well.

Adinath Bade (Equipment : Description/Process)
USV Private Limited



This is to certify that M/S AECPL Training Consultant, Surat, was awarded a contract for Health, Safety, and Environment Initial Basic Training Services at the OPGC II Project site for the period of 02.11.2014 to 30.06.2016. The company has successfully completed the training services as per the contractual obligation.

We wish them success in their future business endeavors.

Kunal Shelat (Enironment, Safety & Health Manager)
SUNEDISON ENERGY INDIA PVT. LTD.



Our Esteemed Clientele include...

EHS Publications & Products

B-Proactive : A Magazine for EHS Professionals

Frequency: Quarterly publication, consistently released over the past 9 years.

Audience: Boasts over 5,000 subscribers, including both individuals and corporate entities, from India and internationally.

Content: B-Proactive Magazine serves as a crucial resource for Environmental, Health, and Safety (EHS) professionals, offering insights, updates, and best practices in the field of EHS.

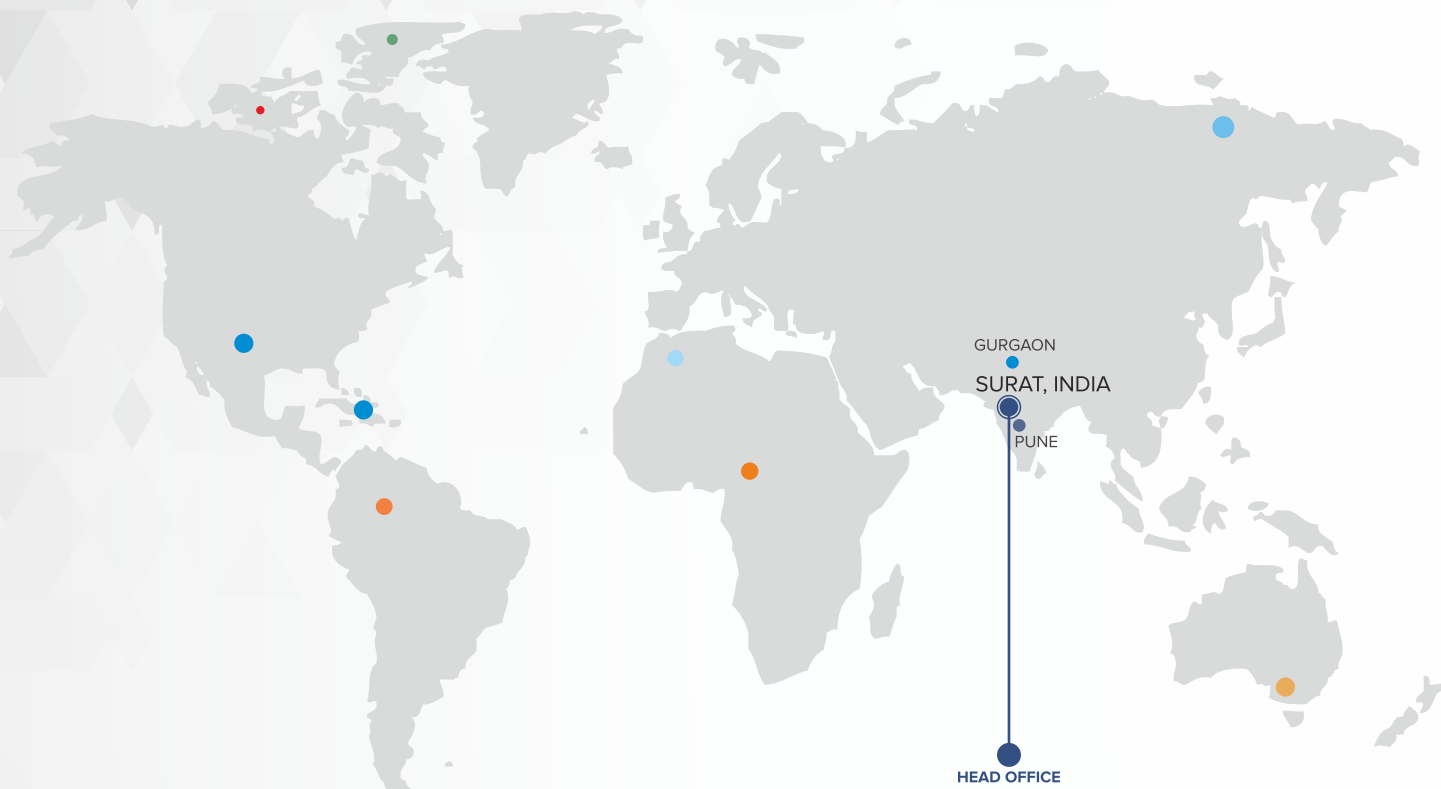
This publication underscores CORE-EHS's commitment to fostering a well-informed EHS community by sharing knowledge and promoting safety excellence across industries worldwide.



Other EHS Publications:

- Rigging Mathematics
- Lifting and Rigging Handbook
- Project OEHS Management
- Safety Cultural Transformation through Behavioural Intervention
- Road Safety Handbook
- Industrial Road and Rail Safety Handbook and many more.
- Scaffolding Engineering and Management





SAFETY – A PROFIT CENTRED VALUE



106/108, Rajhans Montessa, Dumas Rd,
near Airport, Surat, Gujarat 395007



+91 72929 29159



info@coreehs.com
www.coreehs.com