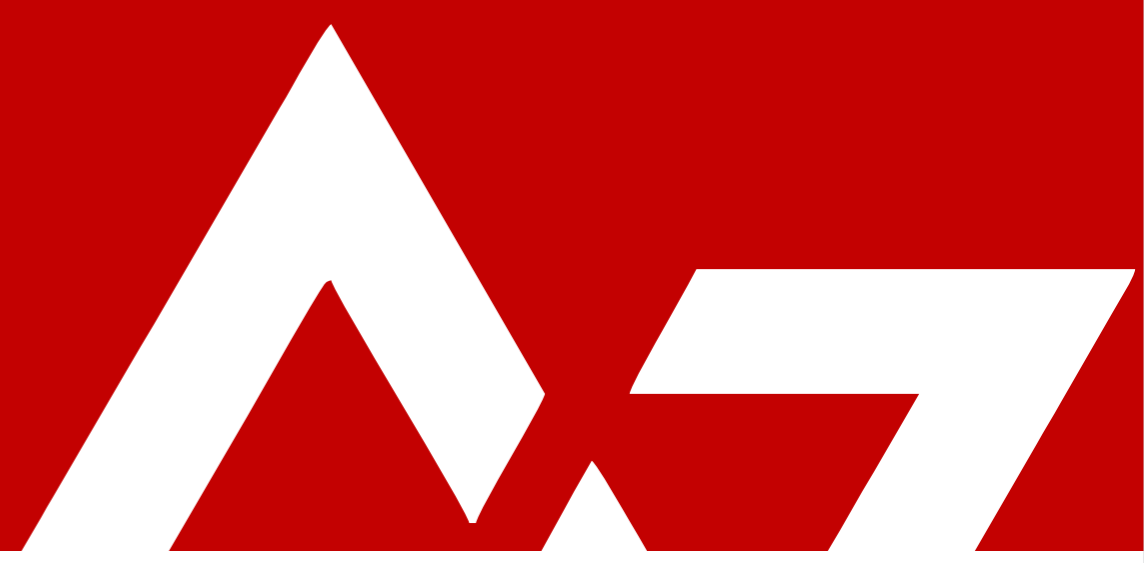
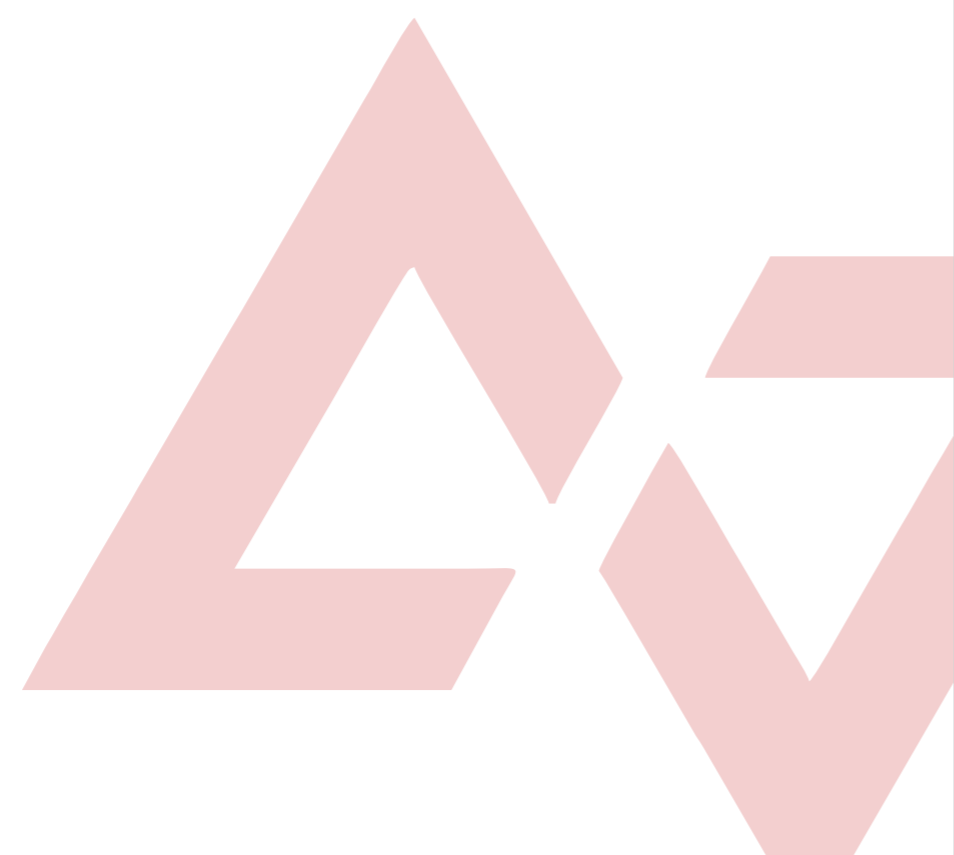




**Gravity Risk Services Private Limited**  
B-22. R X Coudty. Taura Pa.l Zadechwar.  
Charuch-392 011 bujarat, India  
+91 2642 228151 | info@grspl.com



## Who We Are

Gravity Risk Services Private Limited is a dynamic risk engineering and resilience advisory Organization/company, committed to enabling safer, smarter, and more sustainable industrial ecosystems.

Our name reflects our philosophy: just as **Gravity is the force that anchors the universe, safety and risk control are the invisible forces that hold industry together.**

We act as the **unseen safeguard**, converting uncertainties into structured, proactive solutions that help industries not just survive, but thrive.

We don't just manage risks, **we transform them into resilience.**

From complex chemical plants to diverse industrial sectors, we stand beside organizations as a **trusted partner in prevention, protection, and preparedness.**

By combining **technical depth with practical wisdom**, we empower industries to anticipate threats, minimize vulnerabilities, and unlock opportunities in adversity.

Every service we deliver carries the assurance of integrity and professionalism, ensuring that organizations meet legal obligations while achieving global best practices.

We believe that resilient industries build resilient communities, and resilient communities create a stronger nation.

At Gravity Risk Services, risk is not a barrier, it is a bridge to transformation.

With us, **risk evolves into resilience, and resilience powers growth.**

## Let's build safer systems, together.

At Gravity, we bring power to your world-safely, reliably, and efficiently. As a dedicated provider of professional electrical services, we specialize in residential, commercial, and Industrial solutions tailored to meet the needs of modern living and business operations.



# OUR VISION

To redefine how industry perceives and manages risk by elevating safety from a regulatory function to a strategic advantage.

# OUR MISSION



## Detect Risk Early

Apply scientific and systematic tools to uncover hidden hazards before they escalate.



## Design Defences that Work

Create pragmatic, cost-effective safety architectures tailored to operational realities.



## Empower People

Build capability at every level through awareness, training, and behaviour change.



## Ensure Regulatory Harmony

Simplify complex safety compliance and help clients align with national and global standards.



## Embed Resilience in Every Layer

Make safety an integral part of culture, not just compliance, across operations.

# OUR GUIDING PILLARS

## Gravitational Integrity

We remain a constant, reliable force — centred on truth, ethics, and responsibility.

## Risk Alchemy

We convert critical vulnerabilities into strategic strengths through insight and innovation.

## Resilience Engineering

We don't just prevent failure we engineer adaptability and recovery into your systems.

## Empathic Expertise

We Walk the plant floors, listen to people, and deliver solutions that are practical, not just theoretical.

## Continuous Elevation

We learn, evolve, and uplift always improving our methods to meet emerging industrial challenges.

# OUR SERVICE ARENA

Crafted for Resilience



## RESILIENCE ASSURANCE FRAMEWORK

Comprehensive audits and safety assessments to benchmark and enhance systemic safety.

- Safety Management System Audits (IS 14489:2018) & IMS gap Assessment
- Fire, Electrical, Construction & Compliance Audits
- Emergency Preparedness & Contractor Safety Evaluations
- Safety Gap Analysis & Performance Bench marking



## INTEGRITY INSPECTION CELL

Specialized inspection services to ensure asset safety, operational readiness, and legal compliance.

- Heavy Equipment, Scaffolding & Life Saving Equipment Inspections
- Lifting Equipment Integrity Checks
- Hand Tools & Power tools Services
- Material Handling Equipment Fitness Certification



## HAZARD INTELLIGENCE LAB

Deep-dive studies to decode potential hazards using industry-standard methodologies.

- HAZID, HAZOP, Hazardous Materials (HAZMAT) Study & Re-validation Studies
- Bow-Tie, What-If Analysis, Failure Mode and Effect Analysis (FMEA) & Fault Tree Analysis (FTA)
- Quantitative Exposure & Hazard Index Studies
- Chemical Reactivity & Compatibility Assessments



## PROCESS SAFETY ENGINEERING SUITE

Systematic design and deployment of PSM frameworks and start-up readiness reviews.

- Process Safety Management (PSM) Gap Assessment & Implementation
- Pre-Start-up Safety Review (PSSR)
- Operating Procedure & SOP Development
- Mechanical Integrity & Asset Reliability Reviews



## FUNCTIONAL SAFETY PRECISION DIVISION

Quantitative and Qualitative analyses of layers of protection and critical system reliability.

- LOPA (Layer of Protection Analysis)
- SIL Identification, Assessment & Validation
- Safety Instrumented System (SIS) Compliance Audits
- Human Factors & Safety Critical Task Analysis



## STRATEGIC DOCUMENTATION & PLANNING CELL

High-quality reports to meet regulatory, insurance, and operational safety requirements.

- Safety Reports & Safety Technical Manuals
- On-Site Emergency Plans (OSEP), ERDMP, CDMP & HSE Plan
- Disaster Preparedness & Response Documentation
- National/International Award Dossier Services



## ADVANCED RISK MODELLING CLUSTER

Quantifying consequences, vulnerabilities, and risk potentials to build robust preventive controls.

- Hazard Identification & Risk Assessment (HIRA)
- Quantitative Risk Assessment (QRA)
- Consequence Modelling (Fire, Explosion, Toxic Releases)
- Warehouse Risk Matrix Modelling



## SMART MOBILITY SAFETY DIVISION

Complete lifecycle safety for transport systems and on-road risk management.

- Road Safety Risk Analysis & Accident Investigations
- Defensive Driving & Vehicle Safety Assessments
- Journey Risk Assessments & Fleet Safety Planning
- Traffic Survey, Mapping & Incident Analytics



## COMPREHENSIVE FIRE ENGINEERING SOLUTIONS

Design, audit, and enhancement of fire safety infrastructure and response capability.

- Fire Load & Fire Water Network Adequacy Studies
- Fire Detection, Protection System Design & Validation
- Fire Risk Assessment & Infrastructure Adequacy Studies
- Emergency Response & Evacuation Planning



## INDUSTRIAL HYGIENE & WORKPLACE WELLNESS

Human-centred environment monitoring, health exposure evaluations & Stress Assessments

- Noise, Vibration, Ergonomic, Ventilation & Illumination Efficiency Surveys
- Air Quality Monitoring & Hazardous Exposure Studies
- Workplace Welfare Assessment
- Occupational Health Risk & PPE Effectiveness Reviews



## POWER SAFETY & RELIABILITY SYSTEMS

End-to-end electrical safety design, auditing, and root-cause diagnostics.

- Hazardous Area Classification (HAC)
- Lightning Protection System Design & Survey
- Arc Flash Studies, Relay Coordination, Thermography, Earthing & Bonding System Integrity Checks
- Power Quality, Reliability & Energy Safety Audits



## INFRASTRUCTURE & CONSTRUCTION SAFETY COMMAND

Safeguarding construction sites and temporary structures through proactive risk strategies.

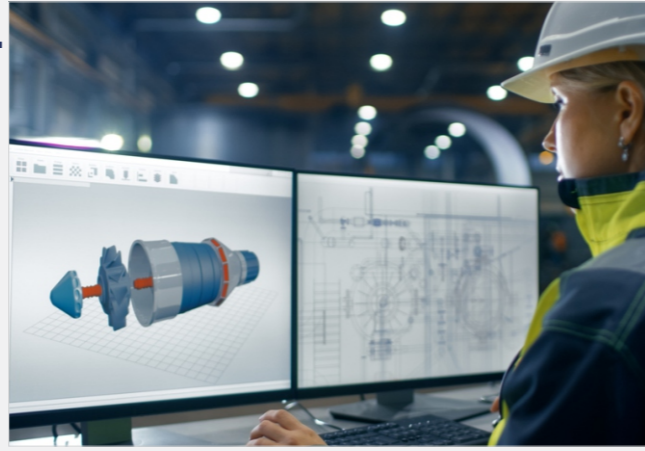
- Construction Project Safety Management Plans
- Scaffold Inspections, Tagging & Certifications
- Work at Height Safety & Rescue Planning
- Excavation, Trenching & Confined Space Safety Reviews



## ENGINEERING SAFETY DESIGN CELL

Support for detailed engineering documentation and permit system development.

- P&ID, Layouts & Safety-Critical Drawings (Fire, Earthing, Electrical)
- Factory & Plant Layout Safety Planning
- Custom Permit-to-Work (PTW) System Design
- Safety Critical Equipment Tagging & Labelling Systems



## DIGITAL RISK & SAFETY TRANSFORMATION

Leverages technology to modernize risk management shows you as a next-gen consultancy.

- Digital Safety Management Systems (e-SMS) Design
- IoT-enabled Hazard Monitoring Solutions
- AI/ML in Predictive Safety Analytics
- Digital Twin for Emergency Preparedness & Training



## LEGAL COMPLIANCE & ADVISORY BENCH

Simplifying regulatory landscapes and driving full-spectrum compliance.

- Documentation & Comprehensive Legal Compliance Audits
- Schedule XIX (Chemical Works – GFR) Compliance Review
- Workplace Environment Monitoring (Form 37 & Allied Rules)
- Safety Audit Readiness, Regulatory Representation & Advisory Services



## CRISIS & BUSINESS CONTINUITY MANAGEMENT (BCM)

Goes beyond safety to strategic resilience consulting.

- Business Continuity Planning (BCP) Frameworks
- Crisis Management Simulations & Tabletop Exercises
- Risk-Based Corporate Governance Frameworks
- Post-Disaster Business Recovery Advisory



## GRAVITY SAFETY ACADEMY

Transforming awareness into action through immersive and standards-aligned training.

- Factory Act Approved Safety Training (Section 111A)
- Specialized Training: HAC, JSA, HIRA, BBS, HAZWOP, Fire Safety & PSM
- "Train the Trainer" & Skills Competency Development
- Customized Curriculum for Chemical, Power, Construction Industries and other sectors



## SAFETY CULTURE TRANSFORMATION PROGRAM

A flagship initiative to evolve safety from policy to mind set- anchoring long-term behavioural change.

- Cultural Maturity Assessments & Diagnostics
- Leadership Alignment, Coaching & Workshops
- Safety Culture Transformation Programme Development and Implementation
- Visual Safety Communication & Campaign Tools



## We Transform Risk into Resilience

This isn't just a slogan, it's our operational philosophy. We believe that every risk, when properly understood and managed, becomes an opportunity to build **Strength, Trust, and Continuity.**

Gravity Risk Services is the partner that turns disruption into preparedness and compliance into competitive edge.



# Flagship Projects & Strategic Interventions

## 1. Feasibility Study, Need Assessment & DPR for Mini-Emergency Response Center at PCPIR, Dahej.

Prepared a detailed DPR to facilitate the establishment of a strategically located Mini-ERC in the PCPIR region one of India's largest and most sensitive chemical hubs. The study covered risk profiling, resource evaluation, infrastructure planning, and sustainable operational strategies.



## 2. Preparation of the Chemical Disaster Management Plan (CDMP) for PCPIR, Dahej.

Developed a comprehensive and compliant CDMP addressing hazard identification, consequence analysis, mitigation strategies, incident response protocols, and multi-agency coordination, aligned with NDMA and GSDMA frameworks.



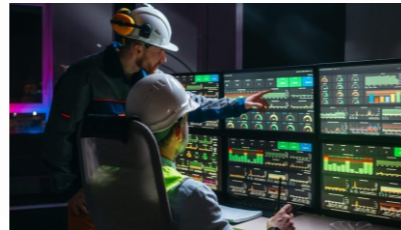
## 3. Project Management Consultancy for Establishing the Mini-Emergency Response Center at PCPIR, Dahej.

Provided end-to-end Project Management Consultancy, including technical validation, infrastructure planning, equipment specification, procurement support, contractor coordination, and commissioning oversight to operationalize the Mini-ERC.



## 4. Project Management Consultancy for Establishing the Mini-Emergency Response Center at GIDC Ankleshwar.

Supported the Notified Area Authority, Ankleshwar with complete Project Management Consultancy, enabling the setup of a fully functional Mini-ERC to strengthen emergency readiness in one of India's largest chemical industrial estates.



## 5. Feasibility Study, Need Assessment & DPR for Establishing the Disaster Management and Prevention Center (DPMC) at GIDC Vapi

Performed an in-depth feasibility and need assessment, followed by DPR preparation for establishing a state-of-the-art DPMC equipped for fire response, chemical disaster handling, industrial rescue, and community-level risk mitigation.



## 6. Project Management Consultancy for Establishing the Disaster Management and Prevention Center (DPMC) at GIDC Vapi

Assisted the Notified Area Authority, Vapi with comprehensive Project Management Consultancy, guiding infrastructure development, equipment procurement, SOP drafting, and implementation planning.



## 7. Feasibility Study, Need Assessment & DPR for Establishing the Disaster Management and Prevention Center (DPMC) at GIDC Jhagadia

Prepared a holistic DPR addressing the emergency response requirements of the high-density chemical industrial cluster at Jhagadia, including risk analysis, facility layout planning, resource mobilization strategy, and financial modelling.



## 8. Preparation of the Chemical Disaster Management Plan for GIDC Jhagadia

Developed a detailed CDMP outlining hazard scenarios, emergency communication systems, stakeholder roles, off-site emergency planning, and compliance structures for the Notified Area Authority, Jhagadia.



## 9. Project Management Consultancy for Establishing the Disaster Management and Prevention Center (DPMC) at GIDC Jhagadia

Delivered full-scope Project Management Consultancy services, overseeing infra structural execution, response system integration, equipment planning, and readiness assessment for operational deployment.



## 10. Feasibility Study, Need Assessment & DPR for Establishing the Disaster Management and Prevention Center (DPMC) at GIDC Sanand

Conducted an extensive feasibility and risk assessment to support the planning and proposal of a DPMC for Sanand, addressing the unique needs of its rapidly expanding multi-sector industrial zones.



## 11. Feasibility Study, Need Assessment & DPR for Establishing the Disaster Management and Prevention Center (DPMC) at PCPIR, Dahej for GIDC Bharuch

Prepared a DPR to enhance the region's emergency preparedness through a well-equipped DPMC tailored to the needs of high-risk chemical handling industries in the PCPIR region.



## 12. Third Party Safety Audit for Gujarat State Electricity Corporation Limited (GSECL)

Performed comprehensive safety audits for all power generation stations across Gujarat, covering electrical safety, fire protection systems, emergency preparedness, occupational health, and statutory compliance checks.



## 13. Training Partnership with Gujarat Energy Training & Research Institute (GETRI)

Served as an official training partner, delivering specialized capacity-building programs across Gujarat's power plants focusing on fire prevention, industrial safety, emergency management, and safety leadership etc.



# Our Client



## Notes

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