



EHS SERVICES

Risk Management is no child's play, that's why you need the experience of a knowledge partner with two decades of experience in Risk Engineering. Our Risk Management and Safety Engineering Solution include services for the **Retail Industry, Service Industry and Warehouse facilities.**

ABOUT US

Cholamandalam MS Risk Services Limited is a joint venture between the Murugappa group, India and Mitsui Sumitomo Insurance Group (MSIG), Japan, with a technical collaboration with InterRisk (Risk Management arm of MSIG). With an experience of over two decades, we specialize in risk management services & assisting businesses in assessing various risks through a highly structured review process. Through our strategic partnership with Arcadis – a global leader in design, engineering & consultancy and association with Inogen, our services are designed to suit a wide spectrum of sectors, extending technical assistance & delivering quantifiable results that lead to effective risk mitigation measures. Headquartered in Chennai with global footprints, we offer best in class safety engineering solutions.

A FEW CREDENTIALS

- Certified ISO 9001: 2008 by BSI for Quality Management Systems.
- Certified Level I & Level II Professional Thermographers.
- OHSAS 18001 / ISO 14001 Certified Lead Auditors in the team.
- BEE Certified Energy Auditors & IEC Ex Certificate - IEC Certification System for Explosive Atmospheres
- Winner "Risk Manager of the Year" at 11th Asia Insurance Industry Awards.
- First Company to introduce Thermal Imaging in the Indian Insurance Market.

Pioneers in Electrical and Fire Safety consulting, backed by the experience of having conducted
600 building safety audits in India



Every business in today's environment is fraught with EHS risks which need to be recognized and averted for business continuity, safety of human life & company assets and ultimately growth. Incidents in recent times reveal that Organizations flouting safety norms have endangered the life of its employees and the community.

The Indian retail industry is one of the fastest growing in the world and is expected to grow to US\$ 1.3 trillion by 2020.

However **this exponential growth is not always backed by safe & robust Designs or Operations putting the business and lives at stake.**

For every work place fatality there are at least 300,000 at risk behaviours and 3000 near misses. Disasters in the past 35 years have taken an estimated 2.5 million lives and cost more 1.5 billion USD mainly in countries like ours.

FINDINGS FROM RECENT BUILDING SAFETY AUDITS IN INDIA....

Automatic fire detection & protection system	Sprinkler Systems	Portable fire extinguishers	Passive fire protection systems	Life Safety Measures
75%	36%	41%	54%	35%

Critical Fire Safety Measures - Non Compliance %

Earth Fault Protection	Battery Preventive Measures	Electrical Panel & DB Protection Measures	FRLS Cable / MS Conduits
22%	61%	76%	67%

Critical Electrical Safety Measures - Non Compliance %

WHAT WE OFFER

Identification, Assessment & Control of

Fire Risks

- Evaluating potential fire hazards and selection of control measures
- Assess the adequacy of Active fire detection and protection systems
- Evaluate the operational readiness of detectors, fire fighting pumps, yard hydrants, first aid hose reels, sprinkler system extinguishers etc.,

Life safety Issues

- Adequacy of emergency exit and staircases based on occupant load/type of occupancy/type of exit
- Assessment of mechanical life safety functions such as pressurization, smoke venting, fire dampers
- Adequacy and availability of emergency lights and ventilation
- Evaluate the effectiveness emergency management and response plan

Electrical Risks

- Assess the adequacy of electrical wiring and protection devices
- Carry Hot spot detection in circuits
- Review Lock Out Tag Out (LOTO) programme
- Review Lightning protection system
- Assess the availability of safety features in building utilities like transformers, DG's, AHU's, Chiller plant etc.,
- Review of Electrical predictive/ preventive maintenance practices

Workplace environment issues

- Indoor air quality, Noise level and Illumination monitoring
- Ergonomic issues and control
- Chemicals Management – Storages and Handling
- Manual and Material handling
- Review of Fall protection measures, confined space safety programme

Environment Risks

- Air / Water / Waste water / Hazardous waste / Electronic waste Management

References

- *Central Electricity Authority (CEA) Regulation Act*
- *National Building Code (NBC) 2005*
- *Environmental Protection Rules ,1986*
- *The water (Prevention and control of pollution) rules, 1978*
- *Hazardous wastes (Management and Handling) Rules 2008*
- *E Waste (Management and Handling) Rules 2011*
- *Batteries (Management and Handling) Rules 2001*
- *State Fire and Safety rules*

- *State lift rules*
- *Applicable Indian standards*
- *Others – National Fire Protection Association(NFPA) Standards*

WHY PARTNER WITH US

- ❖ Chola MS Risk Services Limited is a pioneer in building safety consulting and is backed by the expertise and experience gained from **over 600 building safety audits** across India in the last decade.
- ❖ Experienced in **executing several multi location projects simultaneously**, and being Zero-defect conscious on the project execution schedules & goals.
- ❖ **Delivering very structured & easy to use reports – categorized by risk level and priority** driven by our own EHS Audit Automated Systems. We apply the technique of "**Semi Quantitative Risk Ranking**" for assessing building risks compliance & benchmark it with applicable national and international standards.
- ❖ We can work with you as safety partner through all key stages of a facility life cycle (Pre occupancy, Operation and Maintenance stages) to identify the risks and also partner with you in implementation to achieve you EHS goals in a sustainable manner.

“Hindsight is a wonderful thing but foresight is better, especially when it comes to saving life, or some pain.”

-William Blake



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