

**Transforming businesses with management systems
that enhance efficiency, ensure compliance, and
drive sustainable growth**



MANAGEMENT SYSTEMS



Current Industry Challenges

Industries today grapple with rapid technological changes, supply chain disruptions, and pressure to adopt sustainable practices. Economic uncertainty, evolving regulations, rising customer expectations, and cybersecurity risks add to the complexity, while managing costs and globalization challenges further impact competitiveness.

In today's fast-paced business world, companies face numerous challenges that can impede growth and success. Robust management systems are crucial to overcoming these hurdles:

Operational Inefficiencies

Fragmented processes and lack of standardisation lead to inefficiencies and higher costs. A streamlined management system helps identify and eliminate bottlenecks, saving time and resources.

Quality Inconsistencies

Inconsistent quality can result in customer dissatisfaction and damage to reputation. Management systems ensure consistent quality standards and continuous improvement.

Regulatory Non-Compliance

Non-compliance with regulations can lead to fines and legal issues. Management systems provide structured processes and documentation to facilitate compliance.

Poor Risk Management

Unpreparedness for unforeseen events can cause financial losses. Management systems help identify, assess, and mitigate risks, ensuring business continuity.

About Us

Qltc is a Management Consulting & Training firm providing a portfolio of Structured Services in the areas listed beside for the Manufacturing Industry across diverse Verticals. Established in 2012 with a Vision of Transcending the Best Practises, we have been successful in Pegging our Customers firmly in their Growth Trajectory.

We always engage with an exit plan and endeavour to ensure our Clients gain a self energising momentum that constantly drives them to achieve & sustain customer-focused competitive advantage. Quantum increase in Revenue & Profits are given results.

Over the years Qltc has grown to be a Valued Partner for Small, Medium & the Large Industries alike, providing World Class Solutions at Optimal Cost. Backed by a formidable Team of Seasoned Professionals who Build and Deploy Solutions, Qltc is your pillar of support at all times.

Our portfolio of Clients across the Verticals are a Testimony of our Services.

Our Expertise

- Over 30 Years of Industry Experience
- Expert in Implementation of Management Systems across various industries
- Experienced Lead Auditors and Trainers

Our Commitment

At Quantum Leap, we recognise the challenges in adult learning and are dedicated to providing tailored solutions that foster continual improvement and sustainable growth for both individuals and organizations.

Why Choose Us?

- Customised Management Systems
- Tailored Solutions
- Client-Centric Approach
- Continual Improvement
- Innovative Online Learning Portal



Management Systems

- Integrated and Risk Based Approach

Organisations, irrespective of their size, type or the stage they are in, face multiple Internal and External challenges. These challenges, when not approached systematically, consumes Key Resources for dousing fires. This in turn leads to inefficiency, attention, diversion and thereby bringing uncertainty in achieving the Core Objectives, the very purpose an Organisation Exists. The effect of this uncertainty is the Risk the Organisation continues to carry, pulling it away from its Growth Trajectory.



Adopting Consistent Processes within a well laid out Framework, helps Organisations to manage Risks Effectively, converting them to Opportunities for Growth and ensuring Sustenance and focus towards its Objectives

Integrated and Risk Based Approach to Management Systems is the order of the day. **A five Step Structured Methodology** based on ISO 31000 Guidelines, starting with Establishing the Context of the Organisation (The Very Purpose it exists) to Identification, Assessment, Treatment & Review provides a comprehensive Assurance & Confidence in Addressing its Risks & converting Opportunities. The Team at Qltc has deployed the Standard Requirements in several Organisations with Comprehensive Documentation & Training, guiding them not only to- wards successful certification but imbibing the Standards Methodology as a way of life in their Businesses.

Approach – The Maturity Roadmap

Having worked with several Organisations in understanding their Requirements and providing Solutions, Qlhc has developed a scientific approach for identifying the right tools to be deployed at appropriate points in time. We call it The Maturity Roadmap. This roadmap positions the relevant Solution based on a Gap Assessment.

Gap Assessment is a systematic process of Data Collection & Needs Evaluation in order to provide a timeline and commitment required. Hence Gap Assessment is naturally the first step of our engagement model.

This exercise is typically completed within two working days and the Roadmap is presented within a week.

Gap Assessment

- **Leadership Financial Health**
- **Organisational Structure**
- **Business Processes**
- **Infrastructure**
- **Competency of team members**



Qlhc has sector specific experts who will conduct a comprehensive assessment starting with a Sr. Management Review, Data Collection, Observation of Activities, Conducting Interviews with Functional Heads, compiling a Report and finally presenting the Roadmap.

Implementation Roadmap

1

Gap Assessment

Conducting a thorough review, we identify gaps between your current practices and ISO requirements.

2

Awareness and Scope

Our team defines the implementation scope and raises awareness among your stakeholders about the benefits of ISO certification.

3

Infrastructure Improvements

Upgrading the necessary infrastructure, we ensure it meets ISO standards.

4

Context of the Organisation

We help you understand internal and external factors affecting ISO certification through SWOT analysis and stakeholder identification.

5

Document Kit Development

Developing and compiling the required policies, procedures, manuals, and records, we ensure ISO compliance.

6

Training

Providing training, support and improvement initiatives to ensure effective management system implementation and maintenance.

7

Deployment

Our experts implement ISO-compliant processes and monitor your progress.

8

Internal Audit and Management Review

We conduct internal audits and management reviews to evaluate effectiveness and address non-conformities.

9

Certification (By Certifying Body)

Preparing you for the external audit, we guide you through the process to achieve ISO certification.

ISO Introduction

ISO (International Organization for Standardization) is an independent body that creates global standards to ensure quality, safety, and efficiency across industries. These standards provide best practices that help businesses deliver consistent and reliable products and services worldwide.

ISO certification is a globally recognized symbol of quality, offering a framework to enhance operations, meet customer expectations, and stand out in a competitive market. Adopting ISO standards ensures top-tier performance, efficiency, and reliability.



Why ISO Certification Matters:

This simply implies that your organisation has been certified as meeting certain business quality procedures and regulations.

- Every procedure is audited and standardised.
- Problems are identified fast.
- Increased client satisfaction and trust
- A better grasp of the demands of customers
- Cutting costs in all areas of your business
- Organisation Reputation
- Increase employee participation
- Easy access to solutions to frequent problems



Key ISO Standards

Achieve Excellence and Drive Success

Our comprehensive suite of ISO general standards provides the framework you need to achieve peak performance and compliance. Here's are those:



ISO 9001 (Quality Management Systems):

- Maintain quality and enhance customer satisfaction.



ISO 14001 (Environmental Management Systems):

- Reduce environmental impact and promote sustainable practices while ensuring compliance.



ISO 45001 (Occupational Health and Safety Management Systems):

- Enhance employee safety, reduce risks, and foster a healthier work environment.



ISO 50001 (Energy Management Systems)

- Helps organizations manage and reduce energy consumption, leading to lower costs and reduced environmental impact.



ISO 28000 (Supply Chain Security Management Systems):

- Focuses on the security of the supply chain, helping organizations assess and manage risks within their supply chains.



SA 8000 (Social Accountability):

- Promote fair labor, improve employee welfare, and uphold human rights.

Integrated Management System (IMS):

Streamline your operations by integrating ISO 9001, 14001, 45001, and SA 8000 into a single, unified management system. Achieve seamless efficiency, compliance, and excellence across quality, environment, safety, and social responsibility.

ISO 9001 QUALITY MANAGEMENT SYSTEM

ISO 9001 is the internationally recognised standard for Quality Management Systems (QMS). This standard is designed to provide the basis for effective processes and operative people to deliver a successful product or service time after time.

Purpose of ISO 9001

For showcasing the capability to constantly offer products and services that meet customer and applicable statutory and regulatory requirements.

To improve customer satisfaction by effectively applying system, comprising processes for enhancing the system and the affirmation of compliance with customer and applicable statutory as well as regulatory concerns.



Benefits of ISO 9001

- Implement best practices to drive customer satisfaction
- Win more business
- Reduce costs of delivery
- Build a sustainable business
- Work effectively with stakeholders and your supply chain

ISO 14001 ENVIRONMENTAL MANAGEMENT SYSTEM

ISO 14001 is the internationally recognized standard for Environmental Management Systems (EMS). This standard provides a framework for organizations to protect the environment, reduce waste, and improve overall environmental performance. It is designed to help businesses implement effective processes that minimize environmental impact while supporting sustainable practices.

Purpose of ISO 14001:

Showcase your organisation's dedication to reducing environmental impact.

Adopt a structured approach to managing environmental risks and opportunities.

Ensure adherence to environmental laws and regulations, minimizing legal risks.



Benefits of ISO 14001

- Improve environmental management.
- Can help you to meet the regulatory challenges of the future.
- Reduce operating costs.
- Improve stakeholder relationships.
- Improve business credentials.
- Can help to win more business.

ISO 45001 Occupational Health and Safety

ISO 45001 is the internationally recognized standard for Occupational Health and Safety Management Systems (OHSMS). This standard provides a framework for organizations to manage and improve their occupational health and safety risks, ensuring a safer workplace for employees and stakeholders. ISO 45001 helps businesses to proactively reduce the risk of work-related injuries, accidents, and illnesses.

Purpose of ISO 45001:

Commit to a safe and healthy work environment by addressing safety risks.

Systematically manage and improve occupational safety risks.

Adhere to health and safety regulations, minimizing legal liabilities.



ISO 45001



Benefits OF ISO 45001

- Creates a good working condition across your organisation.
- Identify hazards and put controls in place to manage them.
- Reduce workplace accidents and illness to cut related costs and downtime.
- Improve business credentials.
- Demonstrate compliance to customers and suppliers.

ISO 50001

Energy Management Systems

ISO 50001 is an international standard that guides organizations in developing an effective Energy Management System (EnMS) to optimize energy use, improve efficiency, and reduce costs and environmental impact. Applicable to organizations of any size and industry, it helps establish energy policies, monitor consumption, and enhance energy performance, while supporting compliance with energy regulations and contributing to sustainability by lowering greenhouse gas emissions.

Purpose of ISO 50001:

Provides a structured approach to improve energy efficiency across operations.

Identify opportunities to reduce energy consumption.

Aims to decrease greenhouse gas emissions and other environmental impacts.

Helps meet energy-related legal and regulatory requirements



Benefits OF ISO 50001

- Reduces energy consumption, leading to significant cost savings in the long run.
- Contributes to sustainability goals by reducing carbon footprint and environmental impact.
- Encourages a culture of energy awareness and responsibility among employees.

ISO 28000 Supply Chain Security Management Systems

ISO 28000 is an international standard that outlines requirements for a security management system to protect the supply chain. It helps organizations of all sizes identify and manage security risks, ensuring the safety of goods, services, and information, while minimizing the risk of disruptions.

Purpose of ISO 28000:

Identifies, assesses, and manages supply chain security risks.

Implements controls to counter threats like theft, terrorism and piracy.

Strengthens response and recovery from security incidents.

Ensures adherence to security regulations, building stakeholder trust.



Benefits of ISO 28000:

- Enhances trust with customers and partners through security commitment.
- Reduces risk and impact of supply chain interruptions.
- Cuts losses from theft, improving operations and cost-effectiveness.
- Builds a competitive edge and better stakeholder relationships.

SA 8000 Social Accountability Standard

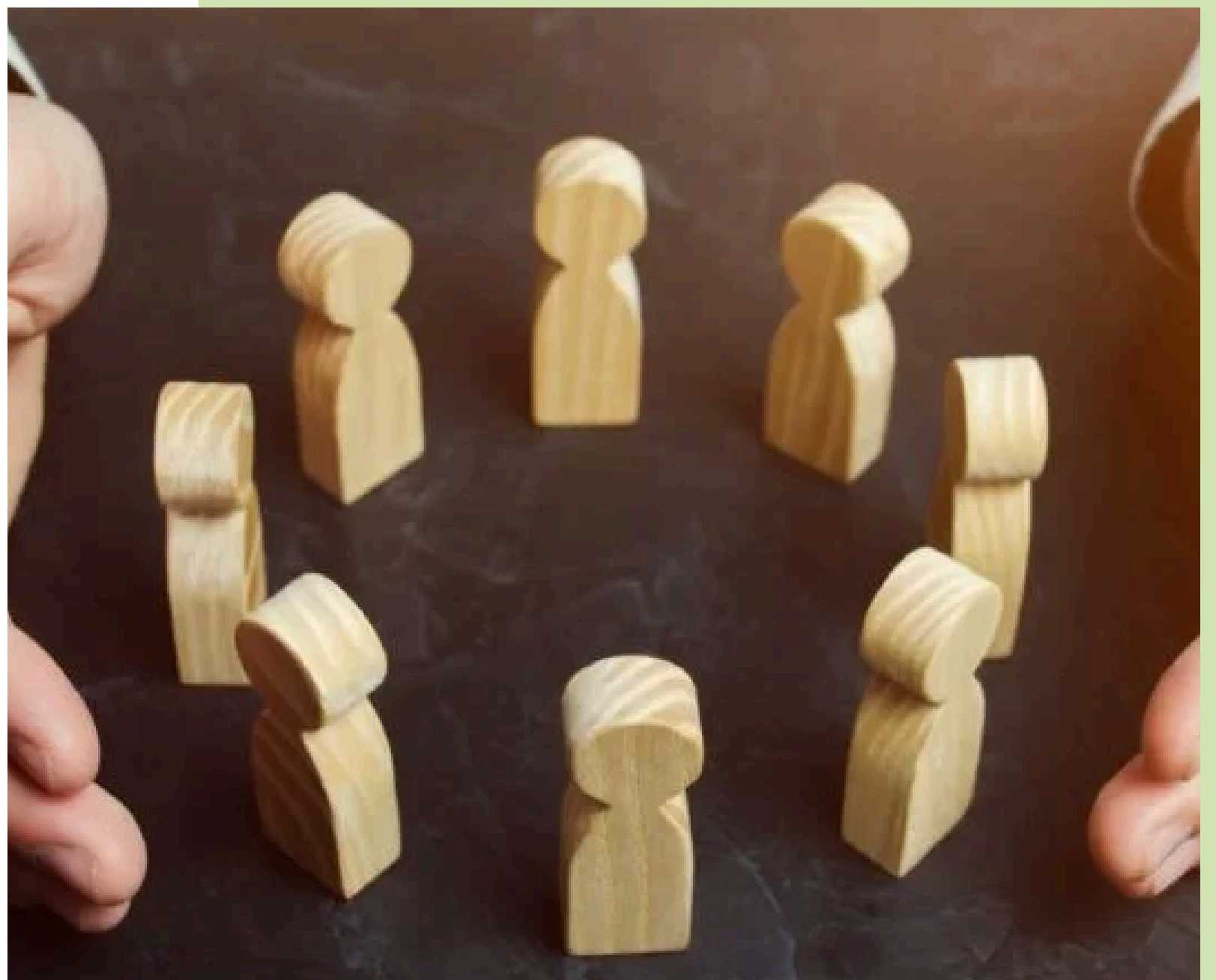
SA 8000 is a globally recognized standard for social accountability in the workplace. It provides a framework for organizations to manage and improve working conditions, ensuring fair treatment of workers across all aspects of employment. SA 8000 focuses on critical issues such as child labor, forced labor, health and safety, freedom of association, discrimination, disciplinary practices, working hours, and compensation.

Purpose of SA 8000:

Uphold workers' rights and promote ethical treatment.

Align with international labor standards and drive continuous improvement.

Adhere to labor laws, minimising compliance risks and boosting reputation.



Benefits of SA 8000:

- Benefits of SA 8000:
- Fair Working Conditions: Ensure safe and ethical work environments.
- Labor Rights: Address and uphold worker rights.
- Enhanced Reputation: Build trust through social responsibility.
- Legal Compliance: Reduce non-compliance risks.
- Ethical Commitment: Highlight ethical practices to customers and suppliers.

Aerospace Standards

The aerospace industry is one of the most highly regulated sectors globally, with stringent requirements for quality, safety, and reliability. Aerospace companies must meet or exceed international standards to ensure product reliability, operational excellence, and compliance with complex regulations, safeguarding customer trust.

AS9100: Aerospace Quality Management System

AS9100 is the key standard for aerospace quality management, building on ISO 9001 with added requirements to ensure top safety, reliability, and quality. It applies to organisations involved in the design, development, and production of aerospace products.

AS9120: Quality Management System for Aerospace Distributors

AS9120 is designed for aerospace distributors, addressing the specific needs of companies that handle aerospace parts and components without engaging in design or manufacturing.

AS9110: Quality Management System for Aerospace Maintenance Organisations

AS9110 is tailored for organisations in the maintenance, repair, and overhaul (MRO) of aerospace products, focusing on process control, documentation, and regulatory compliance.

Benefits

- Reduce the risk of product or service faults.
- Reduce the risk of fatal failures.
- Demonstrate effective quality management to achieve a license to trade.
- Help you to get listed on the Online Supplier Information System (OASIS) database.
- Continually improve your service.
- Increase your opportunities and international growth.



Food Safety Standards

Benefits:

- Boost your profits and save the business in the long run.
- Minimize the risk of foodborne illnesses and protect customers.
- Increase the food's safety and quality.
- Ensure compliance with government food safety regulations.
- Simplify and organize food processing, production, and service.
- Foster productivity and efficiency among your employees.

Food safety refers to the practices and conditions necessary to ensure that food is safe to eat at every stage of the food chain—from production, processing, and distribution to consumption. It involves managing and controlling potential hazards that could lead to foodborne illnesses or contamination, ensuring that food is safe, wholesome, and fit for consumption.

ISO 22000: Food Safety Management System

Establishes a comprehensive framework for managing food safety across the entire supply chain, ensuring that food products are safe for consumption.

FSSC 22000: Food Safety System Certification

Combines ISO 22000 with additional sector-specific requirements, offering a robust food safety management system that is recognized globally.

BRC (British Retail Consortium) Global Standard for Food Safety

Focuses on ensuring the safety, quality, and legality of food products, particularly for retailers and brand owners.



Automotive Standards

Quality and safety are crucial in the automotive industry, where even small defects can have serious consequences. As vehicles grow more complex, it's essential to meet the highest standards to ensure reliability and compliance. Adhering to strict industry standards not only enhances vehicle safety and performance but also bolsters the reputation and competitiveness of automotive brands.

IATF 16949: Quality Management System for the Automotive Industry

IATF 16949 is the global quality management standard for the automotive industry, integrating ISO 9001 with specific automotive requirements. It is vital for organizations involved in the design, production, and servicing of automotive products.

TISAX Certification

TISAX certification is a security management standard tailored for the automotive industry, ensuring the secure exchange of data between companies. It focuses on protecting company data, intellectual property, and IT systems' confidentiality, integrity, and availability. TISAX is mandatory for many German automotive suppliers and recognised across the EU.

Benefits:

- Helps you to get recognised as a world-class automotive supplier.
- Can integrate with other management system standards.
- Bring in quality and continual improvement.
- Mitigate risk and improve opportunity management of risk-based thinking.



Information Security Standards

Benefits:

- Keeps confidential information secure.
- Provides customers and stakeholders with confidence in how you manage risk.
- Allows for secure exchange of information.
- Helps you to comply with other regulations (e.g. SOX).
- Provide you with a competitive advantage.
- Enhanced customer satisfaction that improves client retention.
- Consistency in the delivery of your service or product.
- Manages and minimizes risk exposure.
- Builds a culture of security.

In today's digital landscape, effective IT service management and robust security protocols are crucial for organizations to safeguard their information assets and ensure seamless service delivery. The increasing reliance on technology and the growing threats to information security make it essential for businesses to adopt best practices and standards that enhance their IT infrastructure and protect sensitive data.

ISO/IEC 27001: Information Security Management

ISO/IEC 27001 is the international standard for information security management systems (ISMS). It provides a systematic approach to managing sensitive company information, ensuring its confidentiality, integrity, and availability. This standard helps organizations identify potential security risks, implement effective controls, and continuously improve their information security practices.



Railway Standards

The railway industry is facing increased competition and stricter requirements due to the liberalization of operating companies. To meet these demands, ISO/TS 22163, also known as IRIS Certification, provides a standardised quality management system specifically designed for the railway sector.

ISO/TS 22163 helps companies enhance transparency and improve quality across the entire supply chain. The certification system includes the ISO/TS 22163 standard, IRIS Certification Conformity Assessment, and IRIS Certification™ Technology, which includes specialised audit tools and a supplier database.

These include specific requirements for the rolling stock industry, the assessment of life cycle costs, project management and also management of orders and model series.

Benefits:

- Certified proof of fulfilment of rolling stock industry requirements
- Raised quality standards in the organisation and the whole supply chain
- Improved market position ☒ Higher profile and increased competitiveness
- Improved position when tendering
- Can be combined with other QM system standards, to save time and cost



Introducing Our Team

At Quantum Leap, our success is driven by the dedication and expertise of our core team. With a commitment to excellence and a passion for innovation, we work collaboratively to achieve outstanding results for our clients.



KP Rao is a passionate professional with over 30 years of industry experience in multiple business verticals. He holds a Mechanical Engineering Degree and an Executive Post Graduate from the Indian Institute of Management (IIM), Kozhikode. His expertise are in the areas of Operations Excellence, Finance, TQM, ERP with certifications on several Management Systems including AS9100, TS16949, ISO 14K, 45k, SA8000 and is a practicing Six Sigma Black Belt.



Lingaraju is a Workaholic, serving the Industry for over 30 years now. He holds a Mechanical Engineering Degree and an Executive Post Graduate in Operations Management. His expertise are in the areas of Operations, & Engineering with certifications on several Management Systems. His expertise ensures that organizations can effectively identify, assess, and mitigate security risks, thereby enhancing the overall security and resilience of their supply chains.



Rajagopal is a qualified and NEBOSH certified occupational health and safety professional working with industries in setting up a robust management system for people protection. With his added skill of getting along with people, Rajagopal is sought after by the clients. He is certified in ISO 9001, 14001, 45001 and ISO 28000 Management Systems as well.

Reshma leads the training wing at Qlta. She is a key contributor in the structuring and development of the courses offered by Quantum Leap. Guiding a cross functional team comprising of domain experts, presenters and Content writers, Reshma is in the forefront of training delivery. She is certified in ISO 27001 Management Systems as well. Her expertise ensures that all training content and delivery methods adhere to the highest standards of information security, protecting sensitive data and maintaining confidentiality.



Dikshith is a qualified Engineer developing our IT Applications. He has been forefront in developing innovative, user friendly feature rich applications both website and mobile apps. He consistently explores new technologies and solutions to improve our applications, making them more efficient and user friendly.



“ The strength of the team is each individual member. The strength of each member is the team ”



Client Testimonials

Quantum Leap has been our knowledge partner in deploying Management Systems, Solving Customer Complaints through Six Sigma Studies & developing Competencies across all our Manufacturing Units in India. Their structured & modular approach is simple yet effective in implementing & sustaining the solutions. We continue to engage them for all our Operational Improvements -

Surrya Karriapa, General Manager - Operations, Tata Global Beverages

Praveen has a formidable team who have conducted Integrated Audits for Quality, Food Safety, Environment, Health and Safety requirements across our Processing Units. The uniqueness of Quantum Leap is that while conducting the Audits and providing timely reports is a given, it is the knowledge sharing along the way that resonates with us forever- **Keshava Babu, Vice President - Quality, United Spirits**

At every opportunity we engage the services of Quantum Leap for our Operational Initiatives. Their undivided support till the Project Completion be it for ISO Certification or a Training, despite hurdles & delays makes them our preferred Solution Partner - **Muralidhar Pundla, General Manager - Projects and Quality, The Akshaya Patra Foundation**

Krishna Praveen Rao and Team Quantum Leap have been engaged with us for Developing The Balanced Scorecard, Deploying Management Systems, Implementing SAP and introducing Management by Objective in our Group of Companies. Their Gap Assessment identified the right areas for improvement & we have marched on from there. Our Customers are Happy. They are a pillar of support for our Growth Journey - **D.S.Chandrashekar, Managing Director, Shanthala Group of Foundries and Machining**

Our Other Verticals

Balanced Scorecard – Translating Strategy into Action

The Balanced Scorecard is a strategic planning and performance review tool. It aligns operational initiatives with the organization's vision and goals.

SAP – Integrated and Risk Based Approach

Organisations adopt ERP to streamline operations, freeing resources from repetitive tasks and enabling focus on value-added work.

Amazon Web Services – Cloud hosting and Security Management

Qlhc proudly partners with AWS for cloud managed services. With over 50 sites managed, we are a preferred partner, offering comprehensive services through our team of qualified AWS Solutions Architects and DevOps experts.

Operational Excellence – Benchmarking Performance

Qlhc's team excels in conducting operational excellence studies, selecting appropriate tools, preparing project charters, guiding teams, and identifying root causes with recommended solutions.

People Development – Blending the Right Skills to Develop People

Qlhc has developed an exclusive online portal for Skill Development. Specific and Customised Learning Modules are de-signed to guide in acquiring the required Competencies and develop Proficiency. Con-tact us to enroll for the Courses.





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