



FOOD SAFETY & HYGIENE



Dr. Sundar Kataria

Food Safety Inspection & Testing CMD

The demand for safe and high quality food has been increasing continuously over last few decade owning the consumer awareness of the varieties of food quality, issues and other factor as well such as health, safety and environmental repercussions, Food safety quality and new requirements for labeling, toxicity, fertilizer & chemical residue food nutrition value etc, the national and international regulations are being updated and implemented by the Government Bodies and Authorities such as FSSAI, APEDA, BIS and US, Codex Alimentous commission etc. This organization are responsible to develop necessary regulations and oversee monitoring and enforcing food safety standards through an effective control activities include licensing, system certification and inspection & testing etc.

Food activities (preservatives, emulsifiers and food colour), Allergen, Chemicals (fertilizers and pesticides) requires government approval through Food Act and Regulation from FSSAI, APEDA and BIS before they can be used in food procedures of food additives, emulsifiers and color are required to submit scientific data verifying safety of their product. The food laws and regulations are updated time to time to provide necessary guidelines that may include inspection & testing and assessment.



Food inspection & testing and certification of Food Safety Management System has registered a growth of 20-25% worldwide.

Food, Beverages Agro companies and governments in India are stepping up to provide more assurance about food product safety and supply chain transparency to the consumers.



The new regulation authority has been created as “ Food safety Standards Authority of India” is a statutory body under the administration of the “ Ministry of Health and Family Welfare” Government of India founded in 5th Sept, 2008. The FSSAI license is mandatory for all the food processing and food supply chain industries including export and import of food products. The department of Agriculture has been active past few years. The development and implementation of stringent regulations by leading food safety organization ministry of Agriculture Forestry and Fisheries; the National Department of Trade and Industry

to prevent food borne out break drive the growth in number of developing countries for food inspection testing industries and certification of food Safety Management System covering HACCP; Hazard And Critical Control Point, 22001, Food Safety Management System based on International Standards and guidelines. Pathogen testing remained one of the most dominant segment in number of developing countries food inspection & testing market over the past few years,

The increased GMO agro product and increased application of fertilizers and pesticides, increased application of preservatives in off- the-shelf retail products have been driving force and growth chemical and toxin testing including residue of hormone and drugs.

Increase domestic consumers and Importers & Exporters awareness and food safety concerns have helped the Inspection & Testing laboratories to propel the growth in India. The Inspection & Testing laboratories and certification bodies are approve control and monitor through Accreditation bodies and Government Authorities such as Quality Council of India, NABCB, NABL, FSSAI, APEDA etc.

Simultaneously packing material are also very vital for the Food Processing Industry entire Food supply chain to prevent contamination during process, storage and transit BRC provides necessary guidelines and certification of the food packing materials.

Technology, Management and Sustainability

This is a global village whereas world boundaries have shrunk which is a challenging global scenario our Nation 'Bharat' has emerged a significant economic and geopolitical power.

Last one decade with strong political will towards Nation building and pragmatic action has laid a ground work for the country to become the worlds largest economy in the next five years and developed Nation by 2047. The transformation has been noticed radially in all direction and strategically price to lead the changes towards India's US \$5 Trillion - economy dream.

The new global challenges emerged whereas Nation's priority to focus and address fragile energy and food security simultaneously taking care of the environment. MSME and Agro sector has been growing at faster space and main contribution to Nation's GDP that will touch nearly 8% this year.

We at International Certification Services are committed to provide necessary support to MSME, New start up and Entrepreneurs. ICS provides of 'Total Quality Solution'. ICS in India first truly Indian company to start a Certification Body / Conference Assessment Body provides of 'Total Quality Solution' under single roof.

Our certification services for the Food Sector Industry providing certification, Inspection & Testing and Training & Qualification to enhance the quality of the food sector through food safety management system covering :

- Certification of HACCP : Hazards And Critical Control Point Certification
- Certification of FSMS : ISO 2200 1, Food Safety Management System Certification.
- Auditing for FSSAI
- Training & Qualification (Internal Auditor, Awareness Training, Lead Auditor) of personnel.
- Measuring instrument calibration services.

ICS is an accredited by JAS - ANZ Australia, NABCB India, EIAC Dubai/UAE well recognized internationally.

We are committed and have been providing certification services by extending our expertise in the management system related to Food Safety. Our regular 'Sat Gun Sang Meet' held at every Saturday between 11:00 Am to 1:00 Pm on virtual google platform meet and enhance food safety and ISO management system awareness keep abreast with legal and regulations requirements covering, ISO Management System Industry, Food Act, FSSAI and APEDA guidelines and requirements including Codex Alimentous Commission / USFDA etc.

Food processing industry has been growing 20-25% each year to eater growing needs in India as well as for export.

Please visit our web site at: www.icsasian.com. You can watch our 'Sat - Gun - Sang' meet proceedings on Facebook and Zoom platform.



Ms. Neetu Pandey

Food Safety Standard ISO 22000

Station Manager - Indore

Food Safety Standard ISO 22000: A Comprehensive Guide for Ensuring Quality and Safety
In today's world, where Quality and Food Safety are paramount concerns for consumers and businesses alike, adhering to international standards is crucial. One such standard that has gained widespread recognition is ISO 22000, a comprehensive framework that ensures food safety throughout the supply chain farm to fork. In this article, we delve into the intricacies of ISO 22000, its benefits, and why it is a vital aspect of the food industry.

Understanding ISO 22000

ISO 22000 is an international standard developed by the International Organization for Standardization (ISO). It outlines the requirements for a food safety management system that enables organizations to control food safety hazards and ensure the safety of food products. The standard is applicable to all organizations involved in the food chain, from farmers and food processors to retailers and food service providers.

Key Elements of ISO 22000

1. Hazard Analysis:

ISO 22000 emphasizes the importance of conducting a thorough hazard analysis to identify potential hazards at each stage of the food production process and implementing stringent control measures to ensure food safety. This includes biological, chemical, and physical hazards that can compromise food safety.

2. Prerequisite Programs:

Prerequisite programs in a FSMS are foundational elements that establish safe operating conditions for food businesses. These programs include basic food handling practices such as personnel hygiene, sanitation and operational controls like temperature monitoring and pest management.

3. HACCP Principles:

ISO 22000 incorporates Hazard Analysis and Critical Control Points (HACCP) principles, which involve identifying critical control points in the production process where hazards can be controlled and monitored effectively.

4. Traceability and Recall:

The standard mandates traceability systems to track food products throughout the supply chain and enables swift recall procedures in case of safety issues.

5. Management Commitment:

ISO 22000 places a strong emphasis on top management's commitment to food safety, requiring them to establish policies, objectives, and allocate resources to support the food safety management system.



Benefits of ISO 22000

Implementing ISO 22000 offers numerous benefits to organizations in the food industry:

1. Enhanced Food Safety
2. Global Recognition
3. Improved Efficiency
4. Consumer Confidence
5. Regulatory Compliance Conclusion

ISO 22000 plays a vital role in ensuring food safety, quality, and regulatory compliance in the food industry. By adopting this standard, organizations can enhance their reputation, gain market access, and most importantly, contribute to safeguarding public health through safe and nutritious food products. Embracing ISO 22000 is not just a regulatory requirement; it is a commitment to excellence and customer satisfaction in the realm of food safety.





Ms. Yashi Shrivastav

BEYOND FOOD

Director Yari QualiTech | FSSAI FoSTaC Trainer |

दीपो भक्षयते ध्वान्तं कज्जलं च प्रसूयते |
यदन्नं भक्षयेन्नित्यं जायते तादृशी प्रजा ||

The evolution of food systems mirrors how humans have progressed over time, from basic survival instincts to sophisticated culinary practices. In the beginning, our ancestors relied on raw food from nature for survival. But the discovery of fire changed everything, turning food into an art form. As humans evolved, so did our diets, incorporating cooked meals and grilled veggies.



Nowadays, technology has revolutionized how we think about food. We're even designing meals for astronauts going to space! These space foods are carefully made to be nutritious, lightweight, and easy to store.

But while we're busy with our modern lives, we often forget about the important role bees play in our ecosystem. These little guys are crucial for keeping our food diverse and secure, but we don't always appreciate them.

Bhagwad Gita chapter 6 shloka 17 where Krishna says to Arjuna

युक्ताहारविहारस्य युक्तचेष्टस्य कर्मसु |
युक्तस्वप्नावबोधस्य योगो भवति दुःखहा

It means "the one, whose diet and movements are balanced, whose actions are proper, whose hours of sleeping and waking up are regular, and who follows the path of meditation, is the destroyer of pain or unhappiness."

As we embrace fast food and frozen meals for convenience, we mustn't forget about food safety. It's super important. Every step of making food, from choosing ingredients to cooking and serving, affects its safety. That's why there are strict rules and certifications to make sure food is safe to eat.

Knowing your Food Safety Index is essential for identifying areas of improvement and ensuring compliance with regulations. Just as Arjuna needed to acknowledge his problem before seeking a solution in the Bhagavad Gita, recognizing the need for food safety measures is the first step towards effective management. Ignoring signs of potential issues, like the father ignoring chest pains, can lead to severe consequences. By answering basic questions about your food business, you can assess your Food Safety Index and take proactive steps to enhance safety standards and protect consumers' well-being.

Looking ahead, the places where we make food and how we do it are just as important. A well-designed kitchen that keeps out germs and works efficiently is key for a healthy food industry. We've got to learn from the past and make sure our food is not only tasty but also safe and good for the planet.

There are lots of things to keep in mind when it comes to food safety. We need to keep good records, train our workers well, test our food regularly, manage pests, and label everything properly. It's kind of like teaching ancient Indian lessons – it's not just about skills, but about doing things right from start to finish.

Testing food is crucial to make sure it's safe and good quality. We need to check things like how much water or fat is in it and make sure there aren't any

germs hanging around. And it's not just the food we test – we also need to make sure the people making the food are healthy too. When it comes to pests, we've got to be smart. Instead of just trying to get rid of them, we need to stop them from getting in and finding food and shelter. This helps keep our food safe and stops pests from causing problems.



And labeling is super important too. We need to tell people what's in their food, when it was made, and when it's best to eat it by. That way, everyone can make informed choices about what they're eating.

One way to make sure our food is safe is by using something called the Hazard Analysis and Critical Control Point (HACCP) system. It's a fancy name for a smart way of making sure our food is safe from start to finish. By following this system, we can identify any risks and make sure our food is safe to eat.

Some of the foundation of food industry includes but not limited to –

- ⤴ Construction and layout of building
- ⤴ Layout of premises and workspace
- ⤴ Utilities - air, water, energy
- ⤴ Waste disposal
- ⤴ Equipment suitability, cleaning and maintenance
- ⤴ Management of purchased material
- ⤴ Measures for prevention of cross contamination
- ⤴ Cleaning and sanitizing
- ⤴ Pest control
- ⤴ Personnel hygiene and employee facilities
- ⤴ Rework
- ⤴ Product recall procedures
- ⤴ Warehousing
- ⤴ Product information
- ⤴ Training
- ⤴ Documentation

Overall, by following good practices, making safety a priority, and looking out for each other, we can make sure our food is not only tasty but also safe for everyone to enjoy.

As Chanakya wisely said -

**Eat good, keep the body and generations healthy.
Be good, keep the mind and generations healthy.
Do good, keep the society and generations healthy.**

Training Calendar- April-2024

Course Title	Start Date	End Date	Fees	Duration	Class Type
LA QMS	8th April 2024	12th April 2024	INR 17,000 + 18% GST	10am to 5.00pm	Online
LA IMS	15th April 2024	19th April 2024	INR 17,000+18% GST	10am to 5.00pm	Online
LA FSMS	22nd April 2024	26th April 2024	INR 15,000 + 18% GST	10am to 5.00pm	Online
IQA 13485	29th April 2024	30th April 2024	INR 7,000 + 18% GST	10am to 5.00pm	Online

Riddles



1. Patch upon patch, without any stitches, if you tell me this riddle, I'll give you my breeches.
2. It is sharp but not pepper; white but not paper; green but not shaddock. What am I?
3. What fruit never ever wants to be alone?
4. I am a bird, I am a fruit and I am a person. What am I?
5. It's a symbol and a fruit, For man's folly, evil's root. But also for great inspiration, and famous application.
6. What kind of dog has no tail?
7. A container without hinges, lock or a key, yet a golden treasure lies inside me. What am I?
8. What kind of cup doesn't hold water?
9. It looks green, it opens red. What you eat is red, but what you spit out is black.

Cabbage, Radish, Pear, Kiwi, Apple, Hot dog, Egg, Cupcake, Watermelon.

Horoscope Month of April - 2024



Aries

This is the time to show the world who you are and to own it fearlessly. Set out towards your career with a revived spirit. Network, profile your competencies and do not fear taking initiative on projects. Your innate entrepreneurial spirit will be greatly amplified. You can try to find new sources of income and start campaigning for a raise. Singles might be inclined to seek out partners who are rather assertive and self-confident. Treat your body with respect and moderation.



Taurus

The month of April is a time of introspection and self-searching. This period of introversion might seem like a retreat from the external world, but it is definitely a time for inward exploration and emotional reflection. You may face an inner struggle of whether to stay on the current career path or to choose a different one. This isn't always negative; it is a chance to rewrite your narrative. Don't take any drastic steps, though. Spend this period to gain clarity about what you want to do.



Gemini

This month will likely bring a new interest in your social life and ambitions. This is an excellent opportunity to demonstrate your ability to communicate and work with your colleagues to develop ideas. The capability of linking you with people from different cultures is an open door for new chances or partnerships. April also stands out as a month where your social circle will be vital to finding love. Join a gym to improve physical and mental well-being.



Cancer

This is a fantastic month that can drive you forward and help you to achieve your career objectives. Your ambition and hard work are likely to be noticed, which may lead to the promotion or opportunities for advancement. Business agreements and trading opportunities that started during this time have the potential to succeed. April is stable financially, with the possibility of better growth. Guard against imbalance between professional and personal life.



Leo

It's a month filled with personal growth and expansion chances. You can be tempted to consider enhancing your skills or learn more about new industries and markets. Try out for a conference, a webinar, or even a business trip across the sea. The main emphasis for this month is the growing side of your personal finances, but be careful with how you spend your money. Don't let short-term infatuation mislead you into believing it's true love.



Virgo

This month is a time of inner reflection and change. You may desire to change your career or gain better insight into your present job. You may even conduct research or uncover some unknown or unexplored aspects of your industry. This is the moment to beef up those projects that need deep concentration and analysis. Carefully review financial agreements and beware of impulse decisions. Singles can be attracted to someone mysterious or intense.

Horoscope Month of April - 2024



Libra

April is the month to connect with the pairings might and strengthen your career and relationships. Sharing experiences with co-workers or clients will help open the door to profitable projects, especially during the first half of the month. Business owners may achieve improved results through strategically chosen partnerships. Those committed will experience a profound and satisfying relationship



Scorpio

You will likely be super busy working on the details in April and getting things in order. You might suddenly find yourself working on assignments with reinvigorated concentration and the eagerness to create value. What better time than this to exhibit your commitment, work ethic and problem-solving abilities to your boss? There will be opportunities for financial rewards. Also, concentrate on preventive care, dietary improvements, or even starting a new workout program.



Sagittarius

Welcome the playful and creative atmosphere that April offers. This is a great chance to get involved in a leadership role in your current position, or you can consider freelance opportunities that would help you use your talents. Consequently, try not to be overloaded with too many things at a time. In your personal life, this is a romping and flirting time for you. Singles can attend thrilling social events or enjoy dates with fun and laughter.



Capricorn

This is the month to create your inner world and make the base for all your plans. Although your attention might be on domestic challenges, this will not slow down your career. Analyse if your present work meets your long-term goals. Plan and make changes necessary to bring more peace and harmony between your work and your private life. In your personal life, you can develop a more personal connection with your partner.



Aquarius

This month is flooded with intellectual undertakings, social interactions, and personal development. You will be inclined to acquire new skills or take up projects that require the brain to be energised and excited. This is a perfect chance to show your skills and get a promotion or a new contract. Singles will be drawn to people who are good conversationalists and with whom they share interests. There will be some short travels this month, which will improve your mental horizons.



Pisces

This month will help you develop a high sense of self-esteem and support your efforts to create a stable financial future. Financial security will encourage you to try additional sources of income or demand higher payments. In addition, be aware of putting yourself in a situation where you need to buy something that doesn't help you achieve your long-term goals. This is a period of personal assessment and re-evaluation of your needs and values regarding relationships.



Birthday's Month of April - 2024...



Sr. No.	Emp. Name	Station	Emp. Dob
1	Yatish	Mumbai-InspCell	01-Apr-1997
2	Mayankbhai Dodiya	ICS-ONGC-Mehsana	01-Apr-1996
3	Amit Kumar	Jaipur	01-Apr-1995
4	Hemantkumar Gautam	ICS-RBML TT	01-Apr-1987
5	Vishal Tomar	ICS-Torrent Gas July 2022	02-Apr-1997
6	Deepak Shukla	ECD-MGL	02-Apr-1998
7	Dineshkumar Patel	ICS-ONGC-Mehsana	02-Apr-1965
8	Ravi Gupta	ICS-Torrent Gas-Junagarh	03-Apr-1995
9	Irfan Pathan	Mumbai-Finance	03-Apr-1998
10	Subaljit Debberma	ICS-ONGC Tripura	03-Apr-1993
11	Shyam Vispute	Nasik	03-Apr-1975
12	Praveen Koduri	ICS-ONGC-Rajahmundry	04-Apr-1987
13	Vishal Chouhan	ICS-RBML Electrical Safety	05-Apr-2005
14	Ajay Kumar Gupta	ICS-MNGL Nashik	05-Apr-1995
15	Fardeen Khan	Mumbai-ECD	06-Apr-1999
16	Arjun Gorakh Adhikari	Mumbai-Admin	06-Apr-1991
17	Rajnish Kumar	ICS-IOCL Shutdown	06-Apr-1993
18	Vipin Kumar Gautam	ICS-ONGC-MUMBAI-CIVIL RO	06-Apr-1991
19	VIKAS DAWAL AHIRE	Nasik	07-Apr-1973
20	JASBEER RAMPRASAD SINGH	ICS-Torrent Gas July 2022	08-Apr-1985
21	Prashant Sahu	ICS-Torrent Gas	08-Apr-1992
22	Md Sabir Hussain	ICS-ONGC-WADU	10-Apr-1993
23	Shubhendu Priyadarshi	ICS-ONGC-WADU	10-Apr-1992
24	Anisha Pawar	Mumbai-Admin	11-Apr-2002
25	Mukul Saxena	ICS-IGL New Delhi	12-Apr-1989
26	Mohammed Qasim Mohammed Naeem Ansari	Mumbai-InspCell	12-Apr-1987
27	Gautam Panwar	ICS-IGL New Delhi	12-Apr-1989
28	Saravanan ramaswamy	Bangalore	12-Apr-1981
29	Priyanka Digamber Pawar	ICS-Assure - Health	14-Apr-1998
30	Kundan Kumar	ICS-Torrent Gas July 2022	15-Apr-1996
31	Maruti Nalawade	ICS-Assure - Reconstruction	15-Apr-1994



Birthday's Month of April - 2024...

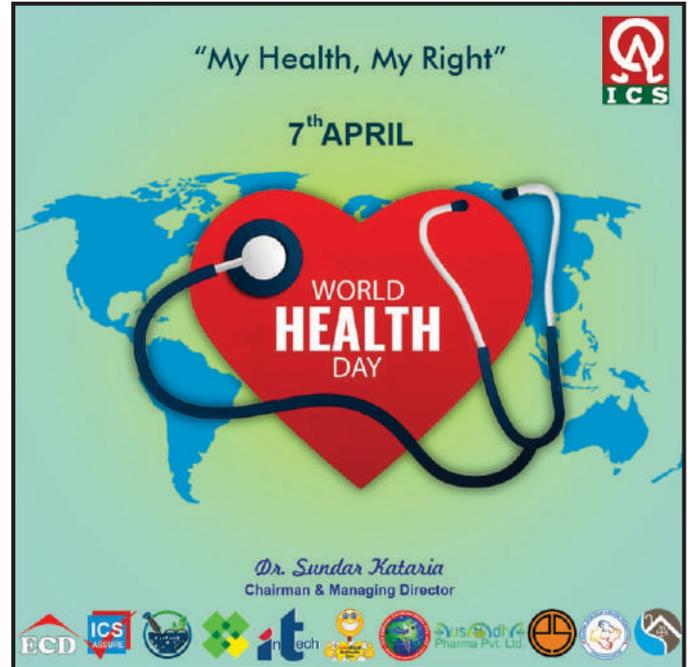


Sr. No.	Emp. Name	Station	Emp. Dob
32	Shivprakash Dubey	Mumbai-Admin	15-Apr-1970
33	Rakesh Kumar Patel	ICS-ONGC-Mehsana	17-Apr-1984
34	OMKAR PATIL	Mumbai-Marketing	18-Apr-2000
35	Akhtarhusen Malek	ICS-ONGC-WADU	19-Apr-1992
36	Suhail Khan	Mumbai-TPI	19-Apr-1997
37	Raj Kumar Jayswal	ICS-RBML Electrical Safety	20-Apr-1999
38	Shubham Chavan	ICS-Assure - Motor OD	20-Apr-1997
39	Naga Raju Etikala	Hyderabad	20-Apr-1970
40	Abhishek Kumar Jha	ICS-IGL New Delhi	21-Apr-1996
41	Kishan Kumar	ICS-Torrent Gas July 2022	21-Apr-1998
42	Sunil Suresh Datar	Belgaum	22-Apr-1968
43	Ravuri Karthik Sankar	ICS-ONGC-Rajahmundry	22-Apr-1999
44	Sachin Ashok Birwadkar	Mumbai-TPA	23-Apr-1982
45	Sheetal Niwalkar	Mumbai-CertCell	23-Apr-1969
46	Yachika Nitore	Mumbai-InspCell	23-Apr-2000
47	Saddam Hussain	ICS-MGL Steel	24-Apr-1994
48	Sagardeep Das	ICS-ONGC-Ankleshwar	25-Apr-1979
49	Hafeez Sheikh	ICS-Assure - Motor OD	25-Apr-1999
50	Prahlad Kumar Solanki	ECD-SGL	26-Apr-1991
51	Atish Pradip Gaikwad	ICS-MNGL-Pune	26-Apr-1998
52	Mohammed Shoaib Ansari	ICS-MNGL Nashik	26-Apr-1997
53	Sachin Kaundal	ECD-IOCL	27-Apr-1995
54	Mariano Lawrence Fernandes	DIR- ICSA	27-Apr-1962
55	Vikash Kumar	ICS-IGL New Delhi	28-Apr-1988
56	Anurag K	ICS-ONGC-Offshore	28-Apr-1998
57	Divyeshkumar Solanki	ICS-ONGC-Hazira	28-Apr-1984
58	OM Prakash Ramchandra Jiandani	Gandhidham	28-Apr-1967
59	Rahul Singh Rawat	ICS-RBML Electrical Safety	28-Apr-1992
60	DonishKumar Parmar	ICS-ONGC-WADU	29-Apr-1993
61	Snehal Kakde	Ausadha	29-Apr-1999
62	Somnath Maity	ICS-ONGC-Kolkata	30-Apr-1993

ICS Holi Celebration



ICS Festival Greetings





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