

THE NEWS LETTER

MAY 2024, VOLUME-9

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Message from Director – Trust.

Corporate News

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NCR: Birthday Celebration of Team.

Welcome Note

Welcoming our new onboard employees and their details.

Knowledge Sharing

Visual Inspection.

Director's Message,



Dear Team Members,

Trust is the glue to life. It's the most essential ingredient in effective communication and a foundational principle that holds all relationships professionally.

We AutoScan are well known for our quality of services that has, over the years, delighted to our customers. And that is why our clients consider AutoScan India Private Limited their ideal business solutions provider. We maintain a highly dependable and reliable workforce because we know that there is no substitute for quality solutions.

Our organization's work culture is built upon commitment to dedication. Our diverse & talented teams are our greatest asset. We hold steadfast to our beliefs, values, and code of ethics, and these are highly nurtured inside the company. Our teams of experts share common focuses, i.e., to serve our customers with quality services; to work with utmost efficiency so as not to miss out on the client's deadline; and to build solutions while maintaining affordability.

Shreehari Kalakeri.



Corporate News:

As a part of employee interaction program our HR Team along with our Quality Manger have visited the JCB India Limited, Pune. During the interaction with team have exchanged their concerns being faced at the employee end and even at the employer end like Unplanned Leaves, Attendance Punching Issue, Customer Complaints, Behavior issues, Documentation Issues and PF Issues.

And also assured to sort out the issues at the earliest.



Appreciation For Performance at Customer End At Pune:

Our Quality Manger Mr. Chandrakant Dabhade (Pune) have personally visited and apricated the team for their outstanding performance at the one of our Customer End at Pune “Nizami Accurate Manufacturers”.



We AutoScan India Management are "Excited to announce that we been awarded the prestigious ISO 9001:2015 certification!

This achievement reflects our commitment to quality and excellence in all that we do"

CERTIFICATE OF COMPLIANCE



INTERNATIONAL CERTIFICATION SERVICES PVT. LTD.

This is to certify that the

QUALITY MANAGEMENT SYSTEM of

AUTOSCAN INDIA PVT. LTD

Office No. S4 / B, Sr. No. 39 / 1 & 2, The Hub, Near Dange Chowk, Thergaon,
Pune - 411033, Maharashtra, India.

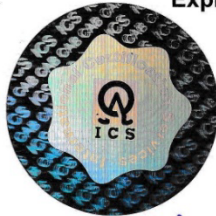
has been assessed and registered as complying with the requirements of the following International Standard:


ISO 9001:2015

The Quality Management System applicable to:

Scope : Provide Third Party Inspection Services for Process and Product (Component & Equipments) and Rework Services for fabrication to OEMs (Original Equipment Manufacturer) and their Supply Chain.

Registration No. : RQ91/9885
Registered Date : 12th April, 2018
Reassessment Date : 22nd April, 2024
Issue Date : 27th April, 2024
Expiry Date : 11th April, 2027




Managing Director

International Certification Services Pvt. Ltd.

Accredited by National Accreditation Board For Certification Bodies, India.

Validity of this certificate is based on periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification of significant changes to the management system and/or its components thereof shall be immediately communicated to ICS.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained at www.icsasian.com / www.icspi.org

22/23, Goodwill Premises, Swastik Estate, 178 CST Road, Kalina, Santacruz (E), Mumbai - 400 098, Maharashtra, India. Tel.: 022-42200900

Our team at NCR have celebrated the birthdays of the Employee for the Month of April. As a part of HR Interaction, our team have invited the employees to our NCR Office who are celebrating their birthdays in the month of April.

Glimpse of the celebrations:



Location wise Team Members Welcomed in April 2024 & Members Celebrating the Work Anniversary with AutoScan.

| Employee Name | Location |
|---------------|----------|
| Ravi Bhardwaj | Jaipur |
| Sushil Pal | Jaipur |

| Employee Name | Location |
|----------------|----------|
| Ritvik Malviya | Gwalior |

| Employee Name | Location |
|-------------------|----------|
| Ashok Singh Yadav | Halol |

| Employee Name | Location |
|------------------------|----------|
| Abhijeet Harishchandre | Pune |
| Rahul Tekale | Pune |
| Manish Kumar | Pune |
| Vishal Labade | Pune |
| Husen Shaikh | Pune |
| Animesh Singh | Pune |
| Suraj Jadhav | Pune |
| Bhushan Tawate | Pune |
| Vishal Kulkarni | Pune |
| Baban Yadav | Pune |
| Priy Ranjan | Pune |

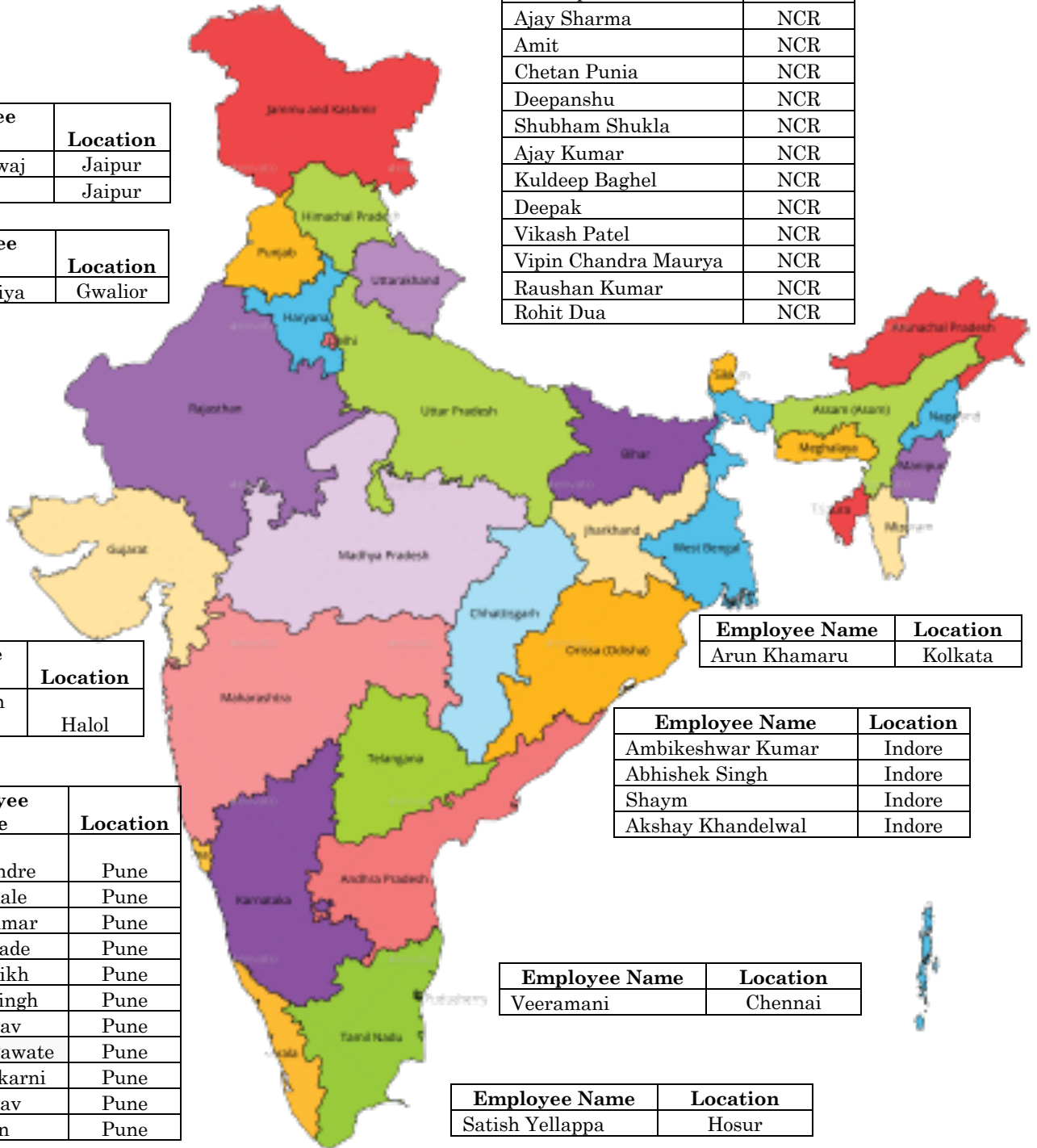
| Employee Name | Location |
|----------------------|----------|
| Vaishnavi | NCR |
| Pardeep | NCR |
| Ajay Sharma | NCR |
| Amit | NCR |
| Chetan Punia | NCR |
| Deepanshu | NCR |
| Shubham Shukla | NCR |
| Ajay Kumar | NCR |
| Kuldeep Baghel | NCR |
| Deepak | NCR |
| Vikash Patel | NCR |
| Vipin Chandra Maurya | NCR |
| Raushan Kumar | NCR |
| Rohit Dua | NCR |

| Employee Name | Location |
|---------------|----------|
| Arun Khamaru | Kolkata |

| Employee Name | Location |
|-------------------|----------|
| Ambikeshwar Kumar | Indore |
| Abhishek Singh | Indore |
| Shaym | Indore |
| Akshay Khandelwal | Indore |

| Employee Name | Location |
|---------------|----------|
| Veeramani | Chennai |

| Employee Name | Location |
|-----------------|----------|
| Satish Yellappa | Hosur |





We AutoScan India Welcome our new Joiners on board. We anticipate your dedication and hard work will be an asset to our Company. And Congratulations for your new role.

We also congratulations to our employees for celebrating their work anniversary with AutoScan India Pvt. Ltd.,

Hope to Celebrate many more Anniversaries together.

| Emp. No. | Employee Name | Branch | Date of Joining |
|-----------------|------------------------|---------------|------------------------|
| TASIND676 | Summit Darwande | Pune | 10/04/2023 |
| TASIND691 | Mukesh Varsale | Pune | 07/04/2023 |
| TASIND693 | Aditya Sharma | Jaipur | 24/04/2023 |
| TASIND697 | Radhe Shyam | Faridabad | 24/04/2023 |
| TASIND699 | Harish Deswal | Faridabad | 06/04/2023 |
| TASIND704 | Kundan Kumar | Chennai | 15/04/2023 |
| TASIND706 | Vaibhav Gawande | Pune | 25/04/2023 |
| TASIND707 | Govind Wajire | Pune | 10/04/2023 |
| ASIND1233 | Kamal Sharma | Faridabad | 26/04/2021 |
| ASIND169 | Rajesh Kumar | Faridabad | 18/04/2017 |
| ASIND472 | Nandan Kumar Tiwari | Faridabad | 05/04/2018 |
| TASIND083 | Anand Prakash Upadhyay | Faridabad | 25/04/2022 |

Topic: VISUAL INSPECTION

The evolution of visual inspection

Inspecting equipment, products and materials with the human eye is the oldest and simplest form of visual inspection. It is still used today in manufacturing, the energy industry, and the medical field because it is effective for detecting surface-level defects.

In the pre-digital era, inspectors were trained to identify defects, sometimes with the naked eye, and in other cases, by using the simplest of tools, such as lights and magnifying glasses. With the advancement of portable, high-quality cameras and drones, visual inspection has evolved to a new stage.

Today, companies collect digital images and videos of machinery, manufactured products, and other aspects of physical operations to conduct visual inspections. Inspections with video footage and imagery can be done in real-time from a remote location or reviewed later once the camera collecting imagery has been retrieved.

Software that uses artificial intelligence (AI) is also used today for visual inspection automation. By “teaching” a computer to read images and determine when they meet acceptable standards, companies can automate the visual inspection process, saving time and sometimes, improving accuracy. This might range from identifying corrosion on the tops of wind turbines to identifying faulty connectors within products’ electronics.

One example of integrating AI into visual inspection systems is in the automotive industry. Today’s car manufacturers use images and deep learning to identify defects earlier quickly and consistently in the production process.

Implementing a visual inspection process:

Every industry and organization have its own process for conducting visual inspections. Yet, there are commonalities within the inspection workflows often found across visual inspection processes. These include:



- Identifying all equipment, materials, products, and infrastructures that need to be inspected.
- Defining which conditions should trigger an inspection.
- Creating clear guidelines as to what constitutes a defect.
- Noting how often these inspections should be performed.
- Creating a means for reporting, documenting, and addressing defects and downtime when detected.
- Incorporating visual inspections into maintenance checklists.

Visual inspection methods

Once a process has been established, organizations might use various methods to carry out visual inspections, including:

- **Random sampling.** Quality checks are performed on randomly selected products or physical assets. In manufacturing, products are often checked right at the production line for obvious visual defects.
- **Full manual sampling.** All products are inspected manually by a person trained to identify defects. This can be a physically demanding job with repetitive actions that should be accompanied by safety policies, ergonomic equipment, and appropriate tools.
- **Remote visual inspection (RVI).** Using remote cameras, edge technology and drones, organizations can observe equipment safely from afar. This inspection solution may be conducted in real-time; or in remote areas where connectivity might be an issue, the inspections can be performed by retrieving the images and analyzing them later.
- **Automated visual inspection.** Products are inspected in real-time using cameras, image-processing methods and machine learning algorithms. Unlike RVI where teams take inspection equipment into the field, automated visual inspections are typically done onsite in one location.

Benefits of visual inspection

Visual inspection has been used for many years to ensure quality and safety. In addition, it also offers these benefits:

- **Savings:** By identifying defects as early as possible, companies can reduce the costs of scrapping defective products or identify assets that need repair faster.
- **Safety:** RVI lets companies perform visual inspections safer than ever by helping them identify defects in environments that might be harmful.
- **Optimization:** Visual inspections are a quick, inexpensive, and non-intensive way to assess quality. When using automated visual inspections, organizations can further optimize the inspection process by reducing hands-on time.
- **Speed:** When using automated visual inspection, the inspections are performed faster than with human workers and can occur anytime, 24-7.
- **Accuracy:** Automated visual inspections can be more accurate than inspections with the human eye because they can catch slight defects that are imperceptible or easy to miss.

Visual inspection use cases

When quality control and safety are paramount, visual inspection is used, and may be required, including in these use cases:

- **Manufacturing:** Whether manufacturing cars, pharmaceuticals or semiconductors, visual inspection identifies assembly and cosmetic defects on the manufacturing floor.
- **Healthcare:** From manufacturing medical devices to inspecting equipment before surgery, visual inspections are key to patient health and safety.
- **Energy:** Visual inspections improve the safety of equipment in many different facets of the energy industry, from mining and fuel extraction to power generation.
- **Civil infrastructure:** Inspecting roads, bridges and tunnels for potential issues is mandated for public safety, can take months, and requires attention to minute detail.