

JV INDIA

ENGAGEMENT OF THIRD-PARTY INSPECTION AGENCIES ON INDIAN RAILWAYS (TUV INDIA PVT LTD)

NORD GROUP - OVERVIEW



Testing



Inspection



Certification



Consulting/
Engineering



Training /
Education



- Active in >100 countries
- > 14,000 employees
- ~ 1.3 bn EUR revenue

■ TÜV NORD company
▲ Projects

ORD GROUP - WE ARE UNIQUE

TÜVNORDGROUP



TÜVNORD

...**through** production
and operation...

TÜVIT

On Ground

Below Ground



T

ovations
tments...

IV India | Corporate Presentation | 2023 | 23-10-2024

ALTER

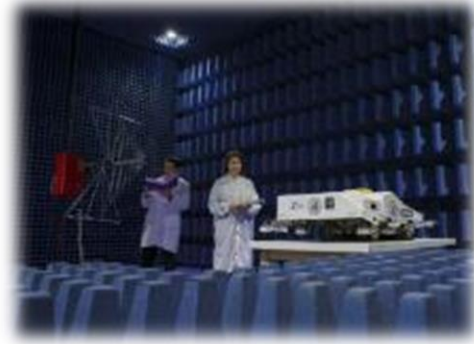
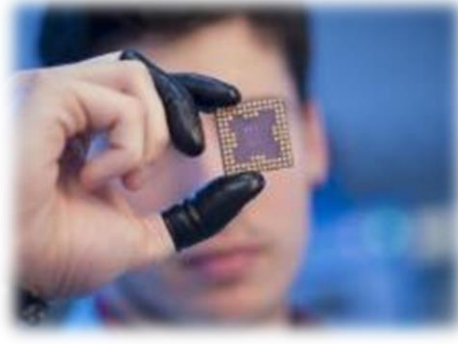


...**to** product dev
and new busines

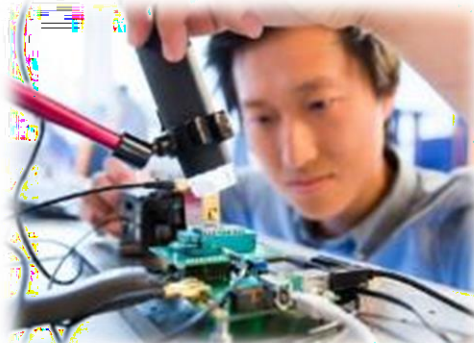
In Spa

TÜVI

KEY ASSET: KNOWLEDGE ACROSS INDUSTRIES, VALUE CHAINS AND TECHNOLOGIES



TÜVNOI



DMT

ALTER



TÜVIT

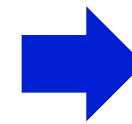
TÜVI

GUIDING PRINCIPLES

, Security And Success
gh Knowledge.

cal, Digital, Connected.

ere, Anytime.



❑ Technological Excellence
Our Mission.

❑ Future – Proof Results For
Customers Are Our Goals

❑ Knowledge Is The Key

❑ The Focus Is On Customer

❑ Our Employees Are The Key To Success

❑ Our Integrity Is The Basis Of Everything We Do

❑ Our Diversity Opens Up New Opportunities

❑ Our sustainability opens up new paths to a shared future

❑ Our Culture Of Innovation Is Trend – Setting

/ INDIA PVT. LTD. at a glance



- Established in 1989 as part of the German RWTÜV group's Indian operations, now the TÜV NORD GROUP
- Leading Testing, Inspection and Certification Company
- **Head Office** : Mumbai
- **Presence** : Over 35 locations across India and one branch office at Sri Lanka
- State-of-the-art laboratories for Food, Product and Petroleum Chemical and Gas testing in Pune Bengaluru & Jamnagar
- More than 1300 competent resources
- Over 14,000 satisfied customers
- Holding key position on government/industry association-contributing to the country's quality and safety initiatives

RESTIGIOUS CCREDITATIONS AND FFILIATIONS

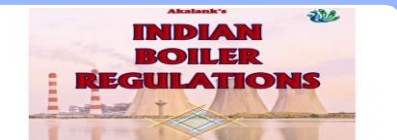
PRESTIGIOUS ACCREDITATIONS AND AFFILIATIONS



ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 & ISO 27001:2013
CERTIFIED COMPANY



ISO/IEC 17020:2012 TYPE “Ä” INSPECTION BODY



INSPECTING AUTHORITY UNDER REGULATION OF INDIAN BOILER
REGULATION 1950



AUTHORIZED INSPECTION AGENCY FOR ASME BY NATIONAL BOARD FOR
BOILERS & PRESSURE VESSEL



COMPETENT AUTHORITY UNDER PETROLEUM RULES 2002 BY PETROLEUM
AND EXPLOSIVE SAFETY ORGANISATION (PESO)



APPROVED BY SAAS FOR SOCIAL ACCOUNTABILITY AUDITS SA 8000

PRESTIGIOUS ACCREDITATIONS AND AFFILIATIONS



NOTIFIED BODY UNDER EUROPEAN UNION PRODUCT CERTIFICATION (CE MARK) & PRESSURE EQUIPMENT DIRECTIVE (PED)



NABCB AND DAKKS ACCREDITATION FOR MANAGEMENT SYSTEM



APPROVED BY THE FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA (FSSAI) FOR LOCAL & IMPORTED FOOD TESTING



APPROVAL BY AGRICULTURAL AND PROCESSED FOOD PRODUCTS EXPORT DEVELOPMENT AUTHORITY (APEDA) FOR EXPORT COMMODITIES.



APPROVAL BY AGMARK FOR GRADING & TESTING OF COMMODITIES AND FOR TESTING OF ORGANIC COMMODITIES

PRESTIGIOUS ACCREDITATIONS AND AFFILIATIONS



APPROVALS FROM MALAYSIAN DEPARTMENT OF OCCUPATIONAL SAFETY & HEALTH, SINGAPORE MINISTRY OF MANPOWER, RUSSIAN REGULATIONS AS PER GOST 032/010



ISO 17025 ACCREDITATION BY THE NATIONAL ACCREDITATION BOARD FOR LABORATORIES (NABL) FOOD AND PRODUCT (ELECTRONICS & ELECTRICALS) TESTING



APPROVED BY THE BUREAU OF INDIAN STANDARDS FOR FOOD AND PRODUCT (ELECTRONICS & ELECTRICALS) TESTING



APPROVED BY THE EXPORT INSPECTION COUNCIL OF INDIA



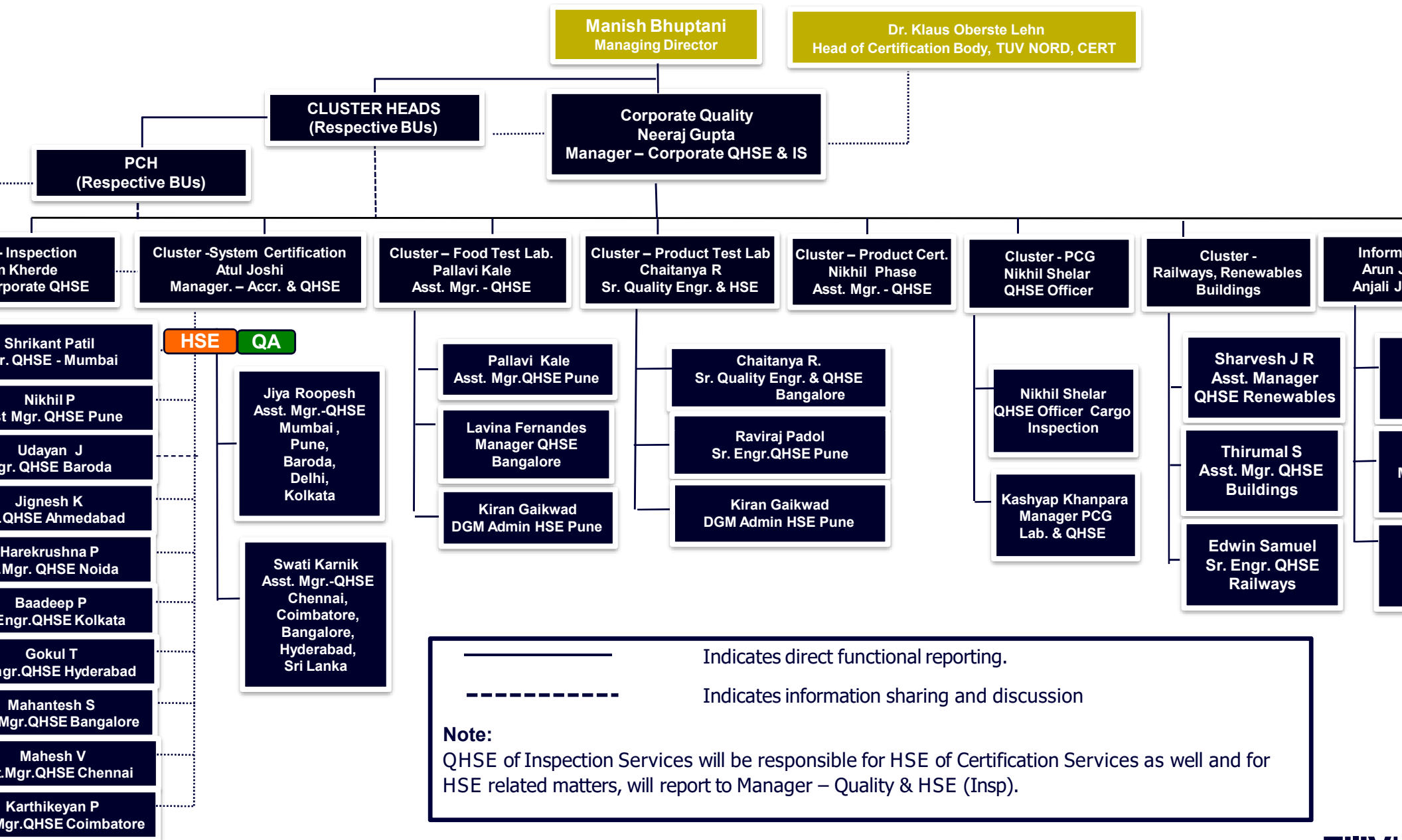
CMMI INSTITUTE PARTNER



DGQA EMPANELMENT FOR INSPECTION SERVICES

ORGANIZATION STRUCTURE SERVICES

TUV INDIA – CORPORATE QUALITY ORGANIZATION STRUCTURE





Mr. Manish Bhuptani
Managing Director

Executive Committee TUV India Pvt. Ltd



Mr Tarang Koppal
Food



Mr. Rahul Nayak
System Cert



Mr. V Viswanathan
Building, Railways &
Renewable



Mr. Sandeep
Deshpande
Inspection



Mr. A
Anilkumar
Inspection



Mr. Arun
Jaiswal
Finance



Ms. Anjali Joshi
Human
Resources

EXECU
COMM

Food	System Cert	Building, Rail & Renewable	Inspection		Finance	Human Resources
BS	BS	BS	BS	BS	Corporate	Corporate
Food Testing	System Certification Training Sustainability Food Certification	Building Renewables Rail	Inspection ASME PED IBR	Business Development Inspection	Finance MIS TAX Admin IT Cost Control	Strategic Support to Mgmt Training & Dev Employee Engag. Recruitment Benefits Compensation Corp. Comm

SERVICE PORTFOLIO

Project & Programme Management
Independent Safety Assessment
(Rolling Stock, Signalling Track)
Inspection at Supplier place
Owner's Engineers
Design Review
Factory Inspection Services
Material procurement Inspection
Electrical Fire Safety Assessment
Noise vibration Study
Life Time Analysis
QA QC Inspection at Site
QA & QC Audit
Construction Safety Audit Safety
Training
Project Closure Audit

Railway

**Petroleum ,
Chemical and
Gas Services**

- Cargo Quality and Quantity Inspection service
Barge operations - Bunker supply /VLSFO T and Inspection
- Coastal Marine Vessels Inspection
- Inspection of Gas shipments for industrial and domestic requirements.
- ISO, Box and Flexi Container inspection
- Dry Cargo and Break bulk inspection



OUR KEY CLIENTS

RAILWAY TECHNOLOGY

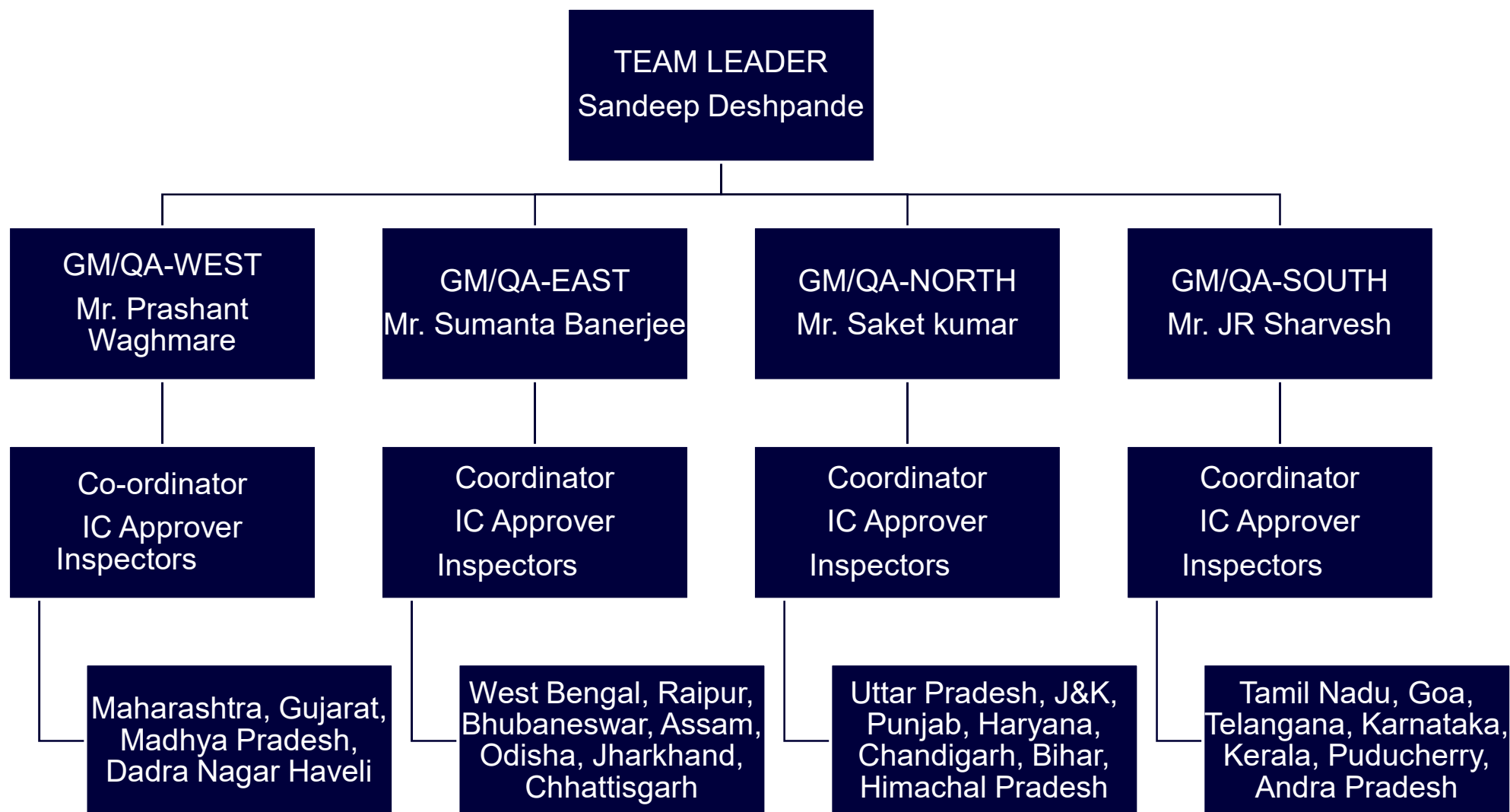
ALSTOM



INDIAN RAILWAYS - INSPECTION



IAN RAILWAYS PROJECT – ORGANIZATION STRUCTURE



This Organization structure supported by TUV Inspection team

INSPECTION METHODOLOGY - RAILWAYS



RECIPT OF
INSPECTION
CALL FROM
VENDOR IN
IREPS PORTAL

VERIFICATION
OF
SUPPORTING
DOCUMENTS,
PO AMEND., DP
Date, Etc.

PREPARATION
OF INSPECTION
SCHEME &
CALL
REGISTRATION

SCHEDULING
OF INSPECTION
CALL TO
AUTHORIZED
INSPECTOR

VISIT OF
AUTHORIZED
INSPECTOR TO
SUPPLIER
FACILITY

INSPECTION
ACTIVITY

GENERATION
OF INSPECTION
CERTIFICATE

1 → 2 → 3 → 4 → 5 → 6 → 7

ON-SITE / SURPRISE MONITORING

SURPRISE MONITORING CARRIED OUT EVERY MONTH AS PER CALENDAR THROUGH PHYSICAL VISITS AND VIRTUALLY. REPORTS OF ON-SITE MONITORING'S IS PART OF MONTHLY WR REPORTING DATA

F-MR-17-RYL-ONS Rev: 01, 03-11-2023		ON-SITE MONITORING PLAN FOR SCOPE 2							
S. NO.	INSPECTOR'S NAME	Discipline/ Feedback From Monitoring	M1	M2	M3	M4	M5	M6	
			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	
			FEEDBACK - NO OBSERVATIONS	FEEDBACK - NO OBSERVATIONS	FEEDBACK - Training Needs Recorded in F-MR 33 & F-MR 13	FEEDBACK - Training Needs Recorded in F-MR 33 & F-MR 13	FEEDBACK - NO OBSERVATIONS	FEEDBACK - NO OBSERVATIONS	
	Abhishek Kumar Gupta	Mechanical			COMPLETED			COMPLETED	
	Alok Kumar	Mechanical							
	Mallikarjun C Gandudi	Mechanical				COMPLETED			
	Siddhartha Bhattacharyya	Electrical							
	Asit Samanta	Mechanical	COMPLETED					COMPLETED	
	Pramod Kumar Tiwari	Mechanical							
	Shridhar Arjun Pawar	Mechanical					COMPLETED		
	Jaimin Nandra	Mechanical							
	Manas Sarkar	Mechanical			COMPLETED		COMPLETED		
	Sudarshan Kumar	Mechanical			COMPLETED				
	Vishal Gayakwad	Mechanical			COMPLETED				
	Sumanta Banerjee	Electrical							

SURPRISE MONITORING REPORT



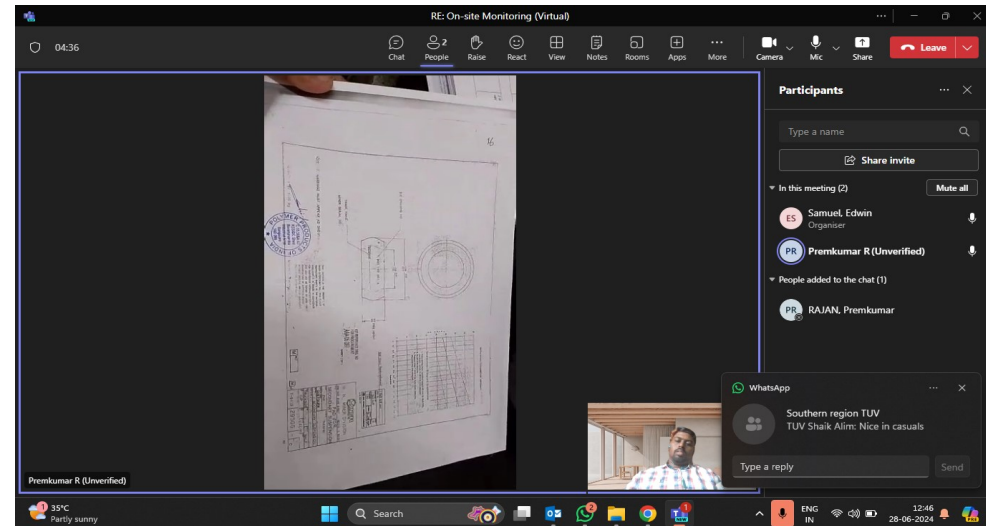
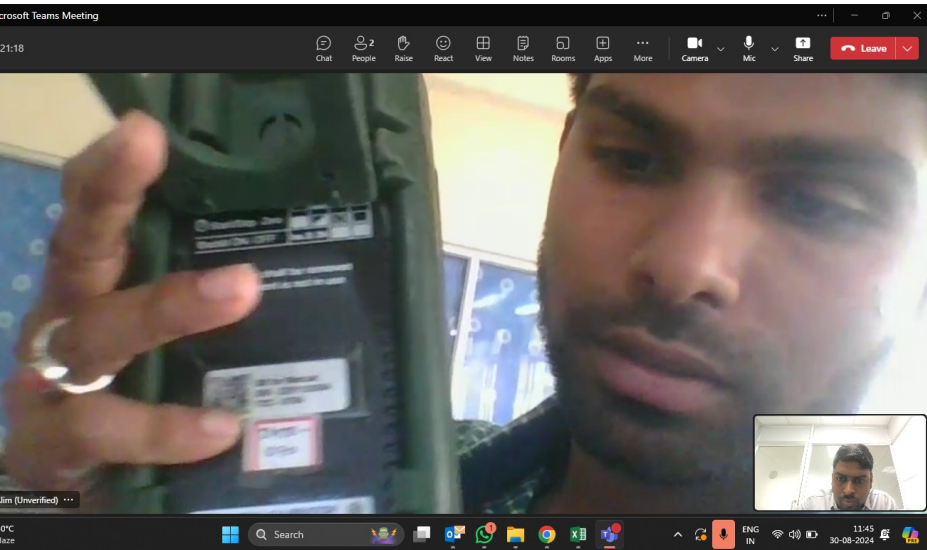
TUV INDIA PVT. LTD.		
F-MR-18A-RYL Rev.: 05	INSPECTOR ON-SITE MONITORING CUM SURPRISE REPORT	Revision Date : 03-11-2023 Page 1 of 4

Inspector/Surveyor	Mr. Manas Sarkar	Level of authorization	3
Monitor	Sumanta Banerjee	Designation/Level of authorization	4
Client / Purchaser	SSE/WS/GOC		
Project / Equipment	Western Railways / SET OF LABYRINTH RING FOR NOSE SUSPENSION DRIVE (MSU TUBE)		
Branch &TUV Control number	Kolkata		
Date(s) of Monitoring	17-08-2024		

Reference Documents:	
1) Purchase order: 61245668101031 Dated 18/06/2024	
2) Approved drawing: 1209.01.211.031, 1209.01.211.032, 1209.01.211.029, 1209.01.211.035	
3) Approved QAP/ITP: Yes	
4) Approved datasheet: NA	
5) Technical specifications/manufacturing specification: DIN 1693 GGG40	
6) Applicable Test/NDE procedures: YES	
<u>Description of work order:</u> SET OF LABYRINTH RING FOR NOSE SUSPENSION DRIVE (MSU TUBE) OF WAP7/WAG9 LOCOS CONSISTING OF 04 ITEMS AND 04 NOS. AS PER ANNEXURE.	

MONITORING PHOTOS

Frequency – Monthly through Physical or Remote (Virtually)



SPECTOR VISIT MONITORING



Inspection MOM

Agency – Daily through What's App group



Before Inspection



During Inspection

TUVINDIA

TUV INDIA PVT. LTD.

TUV-IR-RLY-MOM-002 Rev.: 00 Minutes of Meeting – Inspection (Central Railways) Revision Date: 01/10/2023

MINUTES OF MEETING

Date: 20/10/2024

PO NO.	27245161102425	Dated:	04.05.2024
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Firm & Address	M/S R.G. Industries, 37/64 Thakurhat Road, P. O. Badu, Kolkata-700128.
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Cell ID	7679449792 & 8214449937	Dated:	15.10.2024
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PO S.NO.	Consignee	PL No.	PO Qty Unit	QTY Offered	Delivery Period
001	SMM-D (D) GPR	29618230	5 SET	03 SET	04.11.2024
002	SMM-D (ELS) AUNI	29618230	5 SET	02 SET	04.11.2024

S.NO.	PL No.	Item Description
001 & 002	29618230	SET OF CABLE DISCONNECTION BOX FOR WAG-9 LOCO AS PER CLW SPECIFICATION NO. CLW/ES/3/0128 ALT-C. ONE SET CONSISTS OF 06 NOS OF DISCONNECTION BOX.

Observation Points during inspection,

1. Inspection conducted as per acceptance test plan and CLW spec: CLW/ES/3/0128 ALT-C and result found satisfactory.
2. Visual and dimension check as per the drawing and result found satisfactory.
3. Internal TC, Test Invoice, Calibration certificates, Offer list, Guarantee Certificate and Raw material test report are received and found satisfactory.
4. The product has been identified by TUV India hologram in between SR no EA-381642 to EA-381671.
5. The sample has been identified in between SR no EA-381642 to EA-381653.
6. 1 PC terminal bar has been selected from the offered sample qty and sent to the NABL lab for testing and identified by hologram SR no EA-381672. The test sample was the part of offered qty but not the part of supply. Which was offered extra with the offered lot.

TUV Representative Sign: [Signature] Firm's Representative Sign: [Signature]

[Stamp: TUV INDIA PVT. LTD.] [Stamp: R. G. Industries]

TUVNORDGRO

MOM Conclusion with Supplier

V INDIA COMPLAINT MEASURES

dependence, Impartiality, Integrity and confidentiality training & declaration (F-MR 12) signed by all T
dia Personnel during induction

surprise visits planned every month to monitor inspector performance and integrity.

surprise what's app Video call confirmation with inspector.

monitoring inspector visit through what's app group by self-portrait posted by Inspectors with time and
location stamp.

periodic training provided to inspectors about the integrity policy

corrective measures on Joint Inspections issues

SERIES & SUGGESTIONS

Warranty Rejections are considered under TPI's Account – this clause need to be reviewed.

90 days' Rejection Clause – should be applicable for warranty rejections, less than 90 days rejection should be considered as ordinary. (As per Cl. 1502 of IRS)

Prior communication before 3 days to TPI agency for addressing urgent Inspection / Joint Inspection or timely scheduling inspectors for the same.

Where possible, address the consignee contact details in the PO.

During Joint inspection for effective analysis and conclusion of the rejection participation of Technical representatives from the consignee end is required.

Clear communication & understanding required on the authorization of IC Re-Validation Certificate. (Some consignee's not accepting the Revalidated IC due to Name Mismatch between Digital Signature & Inspection engineer)

IRT (Inspection Response Time) ≤ 21 Days set as KPI for TPI agency from the date of Call registration. Whereas for Some Items with Conditioning test (i.e. for Paints LAB testing Required Min 21 days and Rubber items) followed by IC generation, hence the IRT time exceeds > 21 days. Which thereby reduces the overall KPI score, Clarity Required on the same.

PO contents should be standardized with respect to specification & drawings as attachments.

TUVINDIA

THANK YOU

om/in/en/home/

