



// ONE BRAND // ONE SOURCE // ONE SYSTEM



REMA INSPECTION SERVICES

INTRODUCING MULTILEVEL INDUSTRIAL INSPECTION
SERVICES TAILORED TO YOUR NEEDS

REMA INSPECTION SERVICES

Relax – we'll take care of it!

With over 100 years of experience and a global service network, REMA TIP TOP is the first choice for industrial services. We offer unrivalled expertise in the maintenance and innovation of conveyor systems, as well as the manufacturing of conveyor components such as belts, rollers and scrapers. Count on us for prompt, expert assistance in protecting and optimizing your industrial assets.

REMA INSPECTION SERVICES WHY CHOOSE REMA TIP TOP?

Scalable Inspection Services

Based on our global experience we offer three levels of inspection service to meet our customers' needs:

Visual Inspection provides a basic check for visible issues, ideal for routine maintenance.

Advanced Diagnostics add advanced on site Non Destructive Testing (NDT) methods with REMA TIP TOP MCube systems to uncover hidden problems.

Reliability Engineering delivers comprehensive analysis to maximize asset lifespan, increased availability and improved efficiency



REMA INSPECTION SERVICES WHY CHOOSE REMA TIP TOP?



A Day in the Life of Two of our Technicians

In the high-stakes realm of industrial services, efficiency is key. REMA TIP TOP's CCube is driving this transformation, revolutionizing field service management.

Mauro, a dedicated field technician, starts his day with CCube. The platform precisely coordinates his actions, providing a clear and definitive schedule.

Upon arriving at his first site, Mauro is joined by Levy, his colleague. CCube's workflow control features allow them to monitor and adjust their tasks in real-time. Levy has already identified a potential issue with the conveyor belt system. Mauro reviews the data and diagnostics on his tablet, which include input from remote experts, all integrated seamlessly through CCube.

The software controls the workflow, tracking and optimizing every step. Mauro and Levy update their progress, order necessary parts, and communicate seamlessly with their team, all through CCUBE's intuitive interface.

Mauro and Levy resolve the issue and optimize the system's performance. They do it not only on time, but ahead of schedule. Our client is impressed by the speed and precision of our work.

REMA INSPECTION SERVICES

DISCOVER THE BENEFITS

REMA CCUBE – Our Fully Digital Field Service and Asset Management Platform

Inspection Services: REMA CCube ensures the safety, efficiency and longevity of your assets through standardized processes and consistent, high-quality inspections. It empowers our service teams to deliver world-class inspection services.

Asset Management: REMA CCube enables effective asset management by creating digital twins, developing maintenance plans, and reducing response times for smooth operations including on site REMA MCube measurements and well-maintained assets.

Scalable Service Levels: Our REMA CCube Field Service and Asset Management platform supports all three inspection service levels, from visual inspection to reliability engineering. Each package can be customized to meet your specific needs.

Maximize Operational Efficiency with our Inspection Services: We deliver unparalleled value through our multi-level inspection approach.

Comprehensive Digital Inspections:

- Thorough and consistent inspections
- Centralized and accurate data
- Complete overview of system health

Standardized Reporting:

- Professional, easy-to-understand reports
- Actionable insights and clear recommendations
- Quick, informed maintenance decisions

Proactive Maintenance:

- Early identification of potential issues
- Reduced unexpected breakdowns
- Extended equipment lifespan

Enhanced Asset Performance:

- Minimized downtime
- Higher asset availability
- Improved operational efficiency
- Cost savings and increased productivity

REMA VISUAL INSPECTION THE FIRST LINE OF DEFENSE



Our visual inspection services are designed to be the first line of defense in maintaining the integrity of your conveyor systems. Using REMA CCube, a standardized cloud-based Field Service and Asset Management platform, we increase the efficiency and effectiveness of our inspections.

Benefits of Visual Inspections with REMA TIP TOP:

- ✓ **Process-driven Inspections:** REMA TIP TOP facilitates defined inspection processes, enhancing the speed and accuracy of our visual checks. This results in a more efficient use of time and resources and secures that your assets are well maintained.
- ✓ **Analysis of the Key Components of your Assets:**
 - Belt and joint(s)
 - Drum faces and laggings idlers
 - Impact areas
 - Skirting arrangements
 - Chute linings
 - Scrapers
 - Additional items as required
 - Report on any H&S issues observed on site
 - ...
- ✓ **Comprehensive Reporting:** The generated reports are providing detailed insights into the condition of your conveyor systems, enabling improved planning for maintenance and repairs, optimizing asset management strategies.
- ✓ **Inspection History Clarity:** A complete inspection history is giving you a clear overview of past inspections, findings, and actions taken. This historical data is invaluable for tracking the health and performance of your assets over time.





ADVANCED DIAGNOSTICS A DEEPER DIVE – REMA INSPECTION & MCUBE BELT MEASUREMENTS

Our Inspection & Asset Management services include visual inspection plus advanced non-destructive testing (NDT) methods. The combination of these two services generates clear benefits to our advanced diagnostics services.

Benefits of Advanced Diagnostics:

- ✓ **Improved Detection of Potential Problems:** Advanced NDT techniques identify issues before they escalate. On site measurements with REMA MCube BTM, MCube SCS and MCube X-Ray deliver detailed analysis of the belt's main components.
- ✓ **Efficient Asset Management:** Integrating on-site MCube data with visual inspections provides a comprehensive driven view of the asset's condition driven by quantifiable date, enabling informed real asset management decisions.
- ✓ **Increased Asset Reliability:** Proactive maintenance planning boosts asset performance by identifying issues early for timely repairs and optimized operations with REMA CCube's insights, minimizing downtime and maximizing productivity.

REMA RELIABILITY ENGINEERING THE ULTIMATE ASSET CARE



Our premium Reliability Engineering service package ensures optimal reliability of your systems. We use our advanced technologies and extensive experience to sustainably improve system efficiency. Our analysis and consulting help identify opportunities for improvement, while our predictive maintenance strategies, failure mode analyses, and life cycle assessments are tailored to critical systems.

We use employ techniques such as:

- **FMEA – Failure Mode and Effects Analysis**
Comprehensive examination of failed components to determine the cause of failure and prevent future occurrences
- **RCA – Root Cause Analysis**
In-depth investigation to identify the underlying reasons for asset failures and implement corrective actions
- **MEC – Mode, Effect, and Criticality Analysis**
Systematic approach to assess the potential impact of different failure modes and prioritize improvements based on their criticality

MAIN BENEFITS

- ✓ Maximizes Asset Lifespan and Performance
- ✓ Reduces Risk of Catastrophic Failures
- ✓ Provides Strategic Insights



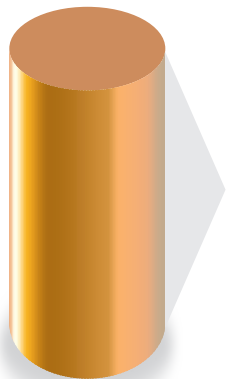
REMA INSPECTION SERVICES

FIND THE RIGHT INSPECTION PACKAGE FOR YOUR NEEDS



Visual Inspections

The 1st line of defense



- Belt and joint(s)
- Drum faces and laggings Idlers*
- Impact areas
- Chute linings
- Skirting* arrangements
- Scrapers*
- Additional items as required
- Report on any H&S issues observed on site

* where visible

- **Overview:** Regular visual inspections
- **Benefits:** Cost-effective, quick, ideal for routine maintenance
- **Best for:** Plants needing regular, inspections and reporting

Advanced Diagnostics

A deeper dive



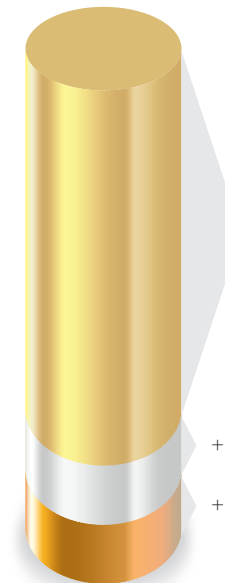
- Asset Management
- Belt Thickness Measurement
- Steel Cord Scanning
- X-Ray
- Belt Rip Detection
- Vibration analysis
- Temperature monitoring
- Integration of digital diagnostics
- Detailed digital documentation of findings

+ Visual Inspections

- **Overview:** Visual inspection plus on site condition measurements with REMA TOP TOP MCube
- **Benefits:** Detects hidden issues, improves reliability, includes asset management
- **Best for:** Plants needing detailed inspections for hidden problems and efficient asset management

Reliability Engineering

The ultimate asset care



- Failure Mode and Effects Analysis (FMEA)
- Reliability-centered maintenance (RCM) analysis
- Root cause analysis (RCA)
- Mode, Effect, and Criticality Analysis
- Customized consulting services
- Detailed digital reporting
- Data-driven decision-making for maintenance and upgrades

+ Advanced Diagnostics

+ Visual Inspections

- **Overview:** Comprehensive analysis and development of strategies for performance improvement
- **Benefits:** Maximizes asset lifespan, reduces failure risks, provides strategic insights
- **Best for:** Critical assets in high-risk environments needing the highest level of care and proactive maintenance planning

REMA TIP TOP INSPECTION SERVICES PROVEN RESULTS






Case Study: Zero Conveyor Breakdowns with CCube

A UK customer with 120+ conveyors faced weekly breakdowns. Thanks to REMA TIP TOP's digital CCube inspections and our expert team's maintenance actions, their operations were transformed, maximizing asset availability and efficiency.

Before Inspections with CCube:

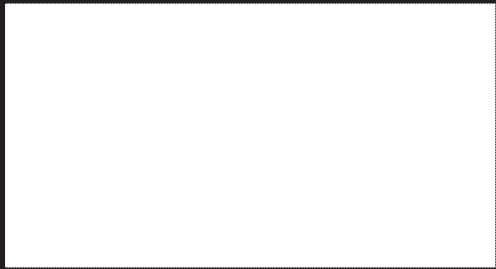
-  Weekly breakdowns
-  No regular inspections
-  Operational inefficiencies

After Inspections with CCube:

-  Zero breakdowns in 4 months
-  Standardized, actionable reports
-  Improved operational performance







Your local contact



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