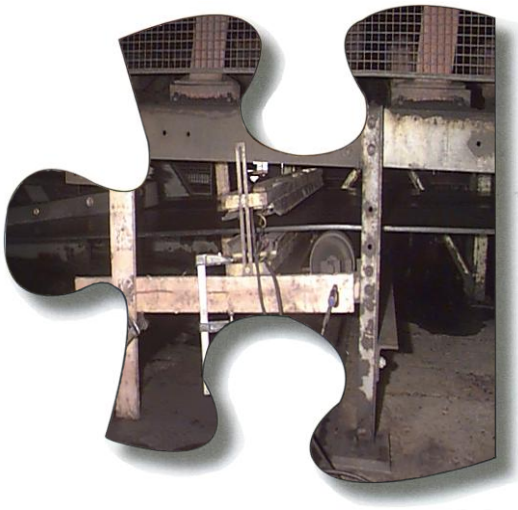
CBM - Fabric Belt Scanning

Maximising the return on your assets



BUSINESS CHALLENGE

Obtaining the maximum value for every maintenance dollar you spend has always been the greatest challenge for companies that need to maintain physical assets.

The primary purpose of the Fabric Belt Scanning system is to use non-destructive condition monitoring to determine the belt's "palm print" (what remains unchanged / initial scan) and what other events that have changed the condition of the conveyor belts carcass and provide recommendations as to what repair action needs to take place.

SOLUTION

Fabric Belt Scanning performed regularly as part of plant wide condition monitoring, is used as the belt ages to check the evolution of events, such as ingress of moisture, folded fabric and reducing belt thickness.

This permits the operator to plan appropriate maintenance down-time.

Additionally, correlation of time / thickness information with belt aging, aids in the prediction of likely useful belt life. Knowledge gained through regular condition monitoring also provides valuable assistance in establishing the design parameters for any replacement belting.

The recorded data allows the CBM technician to advise a client on the significance of the findings and to make positive suggestions as to remedial action. This commonly results in significantly extending the safe working life of the fabric / solid woven conveyor belting.

The system relies on comparison of belt signatures over a period of time, it is important to have base signature data recorded as soon as possible after belt manufacture or installation. Even if the belt has been in action for a while an initial signature will capture a baseline scan for CBM technicians to compare / interpret against subsequent data.

WHY CHOOSE CBM

- Recognition

Founded in 1980, CBM is a worldwide leader in Conveyor Belt Monitoring. CBM has a long tradition of R&D and bringing to market beneficial technologies.

- Knowledge & Expertise

Technical knowledge and constant training of our staff and distributors, ability to provide timely targeted information, are strengths appreciated by our clients.

- Independence

CBM is completely independent of the conveyor belt manufacturers and our systems are designed to work on all manufactured conveyor belts, of any speed and all material types.

This ensures safety and security for the companies that we service.

RELATED SERVICES

- CBM – Longitudinal Rip Detection
- CBM – Vision & Profile Monitoring
- CBM – Remote Monitoring
- CBM – Steel Cord Belt Scanning
- CBM – Conveyor System Inspection
- CBM – Cover Thickness Testing
- CBM – Longitudinal Cover Thickness Testing

Partner of Choice

Extending The Safe Working Life Of All Conveyor Belting

CBM Reporting

The purpose of reporting is to communicate clearly the events that need attention, expected remaining life, wear and tear on the conveyor belts. The reporting assists you to plan effective proactive maintenance and allowing belt changes to be incorporated into the relevant budget cycles.

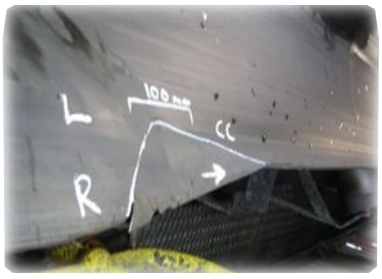
Most importantly CBM Reporting allows quick access to information to discern if there are potential hazards needing to be addressed immediately and any small non threatening changes since the last scan.

Determining wear and/or damage for steel cord belts, solid woven or fabric belts is an effective tool for longevity of belt life. Each test gives a clear indication over time of the belts wear pattern.

The report lists all recommendations with a summary of findings from the scans and/or inspections carried out..

Reporting can be sent in a variety of formats from electronic to hard copy depending upon your needs.

Urgent issues requiring immediate action are notified to the site by phone.



OUR APPROACH

Clear, concise, easy to read and above all, rapid indicators regarding conveyor belt safety and durability.

Provision of the most comprehensive condition monitoring of conveyor belts and systems in the world today.

FAQ

Do I need to have all my Fabric Belts Scanned?

Not at all, we only implement in a way that is going to suit your companies' requirements

What are the key benefits?

Detection of fold sequences and carcass damage
Effective maintenance & budgetary planning

Do I have to shut down the belt for the scan?

A short shutdown is required when setting up and removing the equipment. The scanning occurs while the belt is operating

➢ CONTACT
For details about this service, please contact CBM
By phone: +61 2 9979 6644
By e-mail: info@cbmi.com.au

➢ FOR MORE INFORMATION
please visit:
www.cbmi.com.au