



CONVEYOR INSPECTION CHECKLIST

MAXIMIZE PERFORMANCE | MINIMIZE DOWNTIME | INCREASE SAFETY

When performing conveyor inspections, make sure to wear proper PPE. Anytime a worker breaks the plane, the conveyor should be locked out, tagged out, blocked out, and tested out.



Utilize this checklist during routine conveyor assessments to help you look for opportunities for improvement and keep your operation running at optimal efficiency.

OVERALL CONVEYOR CONDITION

	Inspect overall structure and components
	Examine stringers, supports, and fasteners for corrosion or damage
	Check for structural misalignment or movement
	Look and listen for unusual conditions/noises/vibrations
	Verify proper belt alignment
	Inspect belt for wear, damage, or fraying
	Look for signs of conveyor spillage, carryback, or dust
	Check for material entrapment at tail, snub, and take-up pulleys
	Inspect head pulley lagging to ensure that excessive or uneven wear isn't present
	Examine splices to ensure they are well dressed and flush with the belt's surface

ROLLERS AND IDLERS

	Check for seized, broken, or misaligned idlers
	Listen for grinding or squealing noises
	Inspect for material buildup on rollers
	Ensure all rolling components are clean, rolling, aligned, & touching the belt
	Make note of any tied-off idlers as that indicates an ineffective attempt to track the belt

BELT CLEANING SYSTEMS

	Evaluate the condition and position of belt cleaners
	Check for blade wear (normal, excessive, uneven)
	Assess if the blade is in contact with belt
	Determine if the blade width matches the material path
	Ensure tensioners are functioning correctly

SAFETY ACCESSORIES

	Test pull-cords, emergency stops, and alarms
	Confirm conveyor guards and covers are in place and secure
	Inspect walkways/platforms for hazards and piles of material

CONVEYOR SKIRTING AND TRANSFER POINTS

	Inspect skirting for wear or gaps
	Note any belt sag between idlers to ensure adequate belt support
	Check for fugitive spillage or dust
	Look for signs of impact damage on the belt's surface
	Document off-center loading
	Ensure dust bags, collectors, and suppression systems are functioning properly
	Note any enclosed areas where inspection/access doors would aid future conveyor inspections
	Check for hammer rash on hoppers/chutes which symbolizes poor material flow
	Look for cracks/holes in chutework
	Ensure tailboxes are properly sealed to contain material and dust

OVERALL PREVENTIVE MAINTENANCE

	Record any signs of premature wear
	Identify areas for component upgrades or replacement
	Schedule follow-up service if needed



NEED HELP WITH CONVEYOR INSPECTIONS?

MARTIN® WALK THE BELT™

Service technicians perform a thorough inspection and generate a detailed report including areas of concern, required maintenance, and recommended steps.

[Click here](#)



NEED A PRINTABLE VERSION?

Click here to access a convenient printable version of this checklist to take into the field.