No.	Inspection Item	Inspection Details	Inspection Frequency	Criteria / Handling Measures	Pass (√/×)	Remarks / Actions	Inspector	Date
1	Visual Inspection	① Check for cuts or bulges on the tire surface; ② Check for embedded nails, stones, or other foreign objects; ③ Check for cracks, delamination, or rubber aging on the sidewall.	Daily before shift	Replace immediately if cut >10mm or bulge; remove foreign objects promptly; replace if severe aging is observed.				
2	Tire Pressure Check	① Measure air pressure with a standard gauge; ② Compare with manufacturer's recommended value;	Daily / Weekly	Adjust if pressure deviates ±10% from standard; identify and repair slow leaks.				
3	Tread Depth	① Measure with a tread depth gauge; ② Check for uneven wear; ③ Compare tread depth across tires.	Monthly	Replace if tread depth <25% of original; rotate or correct tires if uneven wear occurs.				
4	Bolt Tightness	① Check if wheel bolts are loose; ② Inspect nuts for cracks or thread damage.	Weekly	Tighten immediately and recheck if loose; replace damaged bolts.				
5	Tire Temperature	① Randomly check with infrared thermometer; ② Manually touch to detect abnormal heat.	Random during operation	If temperature >20℃ above normal,				
6	Tire Position Rotation	① Rotate front/rear and inner/outer tires; ② Confirm even wear; ③ Recheck bolt tightness and air pressure after	Every 2000–3000 hours	Rotate based on wear to ensure balanced lifespan.				
7	Dynamic Balance & Alignment	① Check tire balance; ② Inspect wheel rim for deformation or cracks; ③ Focus on abnormal vibration or uneven wear during operation.	Every 6 months	Correct or replace immediately if abnormal vibration, uneven wear, or rim issues are found.				
8	Retirement Assessment	① Check for cord layer penetration; ② Check for severe bulges or tread separation; ③ Check if service life or wear limit reached.	As needed	Retire and replace immediately if any of the above occur; do not continue to use.				