

Maintenance for Big Cyclone Powder Recovery System

1. Clean the accumulated powder in the spray booth every day (even if the color is not changed) to prevent the powder from solidifying on the spray booth wall because of long time accumulation.
2. Check that the screen on the cyclone cone is not blocked and the rubber ring is well sealed every day.
3. Every week, check the powder accumulation on the surface of each group of filter elements. If the powder accumulation is serious, it means that the filter element has been blocked or the cleaning device is malfunctioning (The filter element is blocked and needs to be replaced).
4. Every week, check whether each group of rotating wing is working normally, whether the lifting plate on the rotating wing is cracked or damaged, please replace it if necessary.
5. Every year, check and clean the powder adhering to the fan impeller, check the vibration of the fan, and remove it for dynamic balance verification if necessary.
6. Open the side guards of the elevator every month, check the tension of the chain, and tension the chain if necessary. At the same time, clean the powder accumulated on the guide rail.
7. Every six months, disassemble the elevator guard plate and top cap, check the wear of the chain wheel and pulley assembly chain above, and replace it if necessary.
8. Clean up the powder supply center lifting system and the powder in the box every day.
9. Every month, check whether the lubricating oil of the air source processor inside the powder supply center is sufficient and clean up the waste oil in time.

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Frequency	Item	Remark
Every day	Clean the accumulated powder in the spray booth (even if the color is not changed).	To prevent the powder from solidifying on the spray booth wall because of long time accumulation.
	Check that the screen on the cyclone cone is not blocked and the rubber ring is well sealed.	
	Clean up the powder supply center lifting system and the powder in the box.	
Every week	Check the powder accumulation on the surface of each group of filter elements.	If the powder accumulation is serious, it means that the filter element has been blocked or the cleaning device is malfunctioning (The filter element is blocked and needs to be replaced).
	Check whether each group of rotating wing is working normally, whether the lifting plate on the rotating wing is cracked or damaged.	Replace it if necessary.

Every month	Open the side guards of the elevator, check the tension of the chain.	Tension the chain if necessary.
	Clean the powder accumulated on the guide rail.	
	Check whether the lubricating oil of the air source processor inside the powder supply center is sufficient and clean up the waste oil in time.	
Every 6 month	Disassemble the elevator guard plate and top cap, check the wear of the chain wheel and pulley assembly chain above.	Replace it if necessary.
Every year	Check and clean the powder adhering to the fan impeller, check the vibration of the fan.	Remove it for dynamic balance verification if necessary.