

Daily Maintenance of Lime Production Line

As we all know, active lime is an important auxiliary raw material for steelmaking. The use of active lime has a series of advantages such as improving the quality of molten steel, increasing production, reducing steelmaking consumption, and stabilizing operation, which can significantly improve the economic benefits of enterprises. As the main way to produce high-quality active lime, the [lime production line](#) must pay attention to maintenance in daily operation to ensure the normal operation of the equipment.

As the main equipment of the lime production line, the rotary kiln runs for a long time and is built outdoors. After a long time, the parts of the rotary kiln will wear out. In order not to affect the normal operation of the equipment, the following aspects need to be paid attention to in daily maintenance:

1. The rotary kiln's transmission system and supporting device are regularly inspected and maintained on time. If abnormal conditions such as loud noise, severe vibration, and heat generation are found, they should be dealt with in time;
2. Check the lubrication points of the rotary kiln regularly on time, such as the [rotary kiln girth gear](#), to confirm whether the amount of lubrication oil is sufficient;



3. Regularly check the [rotary kiln supporting roller](#), thrust roller, and [rotary kiln tyre](#). The normal rotation of the rotary kiln is closely related to these parts. After long-term work, you should pay attention to whether these parts are cracked, deformed, and other visible damages. If they are damaged, they must be repaired or replaced in time.





4. Pay attention to the up and down movement of the cylinder of the rotary kiln. If there is any abnormality, make adjustments in time to avoid damage to the parts due to abnormal impact.



5. Regularly check the cooling part of the rotary kiln. Good cooling can also avoid local over-temperature failures and prolong the service life of the parts.

6. Pay attention to the temperature in the cylinder when the rotary kiln is working. The temperature is an important factor to ensure the quality of the product. The temperature inside the cylinder is detected through the temperature measuring hole on the equipment. Excessive temperature will cause the deformation of the equipment. And the damage will also affect the calcination of the material, and too low temperature will not have the effect of calcination on the material. Therefore, in daily use, the temperature in the rotary kiln should be kept within a normal range. If there is any abnormality, deal with it in time.

The daily maintenance of equipment is very important. Only by ensuring the normal operation of the host equipment can the normal production of the entire production line be guaranteed. CHAENG can undertake 200-1500t/d active lime production line EPC, including compliance report, civil engineering, design, equipment, installation, debugging-"turnkey" service to meet production capacity and standards. Welcome to consult online.

