

- ⑥ Wear plate : Existence of damage
  - ⑦ Seal air pipe assembly : Check for damage of pipe and spherical sliding bearings  
Check for sliding situation of spherical sliding bearing
  - ⑧ Lubricant : Check of lubricant quality
  - ⑨ Grease : Check of grease quality
  - ⑩ Interference between roller tires : Check of interference roll wheel
- Middle housing
    - ① Maintenance door and inspection door : Check for damage of gaskets
- Loading area
    - ① Loading frame : Existence of cracks
    - ② Roll pivot block : Existence of cracks
    - ③ Pull down eye : Existence of cracks
    - ④ Protector : Existence of cracks
    - ⑤ Sleeve : Check for damage of spherical sliding bearings
    - ⑥ Penetration parts of loading rod : Existence of damage
    - ⑦ Wearing plates : Existence of cracks
- Classifier
    - ① Classifier housing : Check of deformation
    - ② Classifier vane : Check for damage of vane
    - ③ Classifier hopper : Check of damage of hopper
    - ④ Vane drive : Check of movement of it

(7) Prevention of spontaneous combustion and explosion in pulverizer(△ Attention)

In case the temperature in pulverizer rises or the air flow velocity in the fuel pipes becomes lower than the safe limit, there is a possibility that the coal may catch the fire in the pulverizer or the explosion may occur in the pulverizer under the stoppage of pulverizer or the starting up/shutting down process of pulverizer.

These phenomena are as follows.

- ① If there is the remaining coal in the pulverizer, there is a possibility that the coal particle may occur the spontaneous combustion at the short time at the atmosphere of more than 200°C.
- ② If the fine coal brows and become the gaseity in the pulverizer or the combustible gas Is generated in the pulverizer, the explosion may occur easily.
- ③ If the velocity in the fuel pipes becomes less than 15.3m/s under the operation, there is a possibility that the fine coal may accumulate in the fuel pipes or the backfire from the burners

5.	Every 24,000 operating hour	<ul style="list-style-type: none"> <li>① Replacement of oil seal of roll wheel</li> <li>② Replacement of segment drive pin</li> <li>③ Replacement of wearing plate of pyrite plow</li> <li>④ Replacement of wedge bolt</li> <li>⑤ Replacement of bearing retainer of roll wheel</li> <li>⑥ Replacement of hexagon socket headed bolt</li> <li>⑦ Replacement of pin of roll wheel</li> <li>⑧ Replacement of roll air seal of roll wheel</li> <li>⑨ Replacement of shaft retainer of roll wheel</li> <li>⑩ Replacement of wearing plate of roller bracket (upper wearing plate)</li> <li>⑪ Replacement of ball carrier of loading parts</li> <li>⑫ Replacement of loading beam (below ball of loading parts)</li> <li>⑬ Replacement ball of loading parts</li> <li>⑭ Replacement of roll pivot of loading parts</li> <li>⑮ Replacement of roll pivot block of loading parts (upper side and lower side)</li> <li>⑯ Replacement of expansion joint tie rod sealing</li> <li>⑰ Replacement of outer ring segment and inner ring segment</li> <li>⑱ Replacement of yoke seal labyrinth</li> <li>⑲ Replacement of tire clamp ring of roll wheel</li> <li>⑳ Replacement of bearing of roll wheel</li> <li>㉑ Replacement of wearing bush of roll wheel</li> <li>㉒ Replacement of bearing cover of roll wheel</li> <li>㉓ Replacement of parts for pyrite gate valve</li> <li>㉔ Replacement of hinge pin of access door of mill housing</li> <li>㉕ Replacement of thrust plate of guiding plate</li> <li>㉖ Replacement of strap plate of loading parts</li> </ul>	
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TABLE 9.1 Maintenance Schedule for Pulverizer(4/4)

NO	Inspection Interval	Items	Countermeasures
		<ul style="list-style-type: none"> <li>㉗ Replacement of strap of loading parts</li> <li>㉘ Replacement of pull down eye of loading parts</li> <li>㉙ Replacement of tie rod of loading parts</li> <li>㉚ Replacement of support plate</li> <li>㉛ Replacement of sight glass for the pyrite box</li> <li>㉜ Replacement of spray nozzle for the pyrite box</li> </ul>	

These above parts shall be replaced depending on their damaged condition even though operation period does not reach above inspection interval.

(2) Replacement of roller tire, grinding segment and inner throat segment

Life time for roller tire, grinding segment and inner throat segment depends on coal property and pulverizer operation condition. The wear measurement shall be conducted (Fig. 9.1 to 3) every 3,000hr