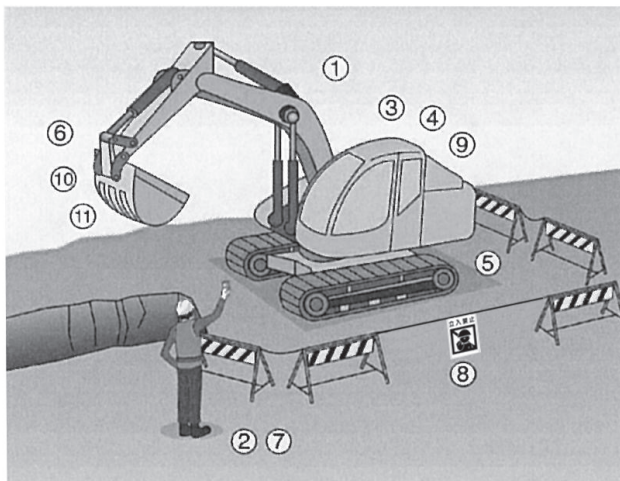


## IV – 2. Hydraulic shovels



1. Is the excavation conducted based on a work plan and procedures?
2. Has an operations chief been appointed?
3. Are operators appropriately licensed?
4. Are brakes, clutch, and hydraulic system, etc., checked before work?
5. Is the setup site for shovels strong enough?
6. Are you staying outside of the shovel's turning radius?
7. Are signalmen stationed in narrow areas?
8. Are safety barricades in place?  
Have flaggers been stationed?
9. Are operators stopping the engine when leaving the driver's seat?
10. Is there no undermining?
11. Is the hydraulic shovel used as a crane?