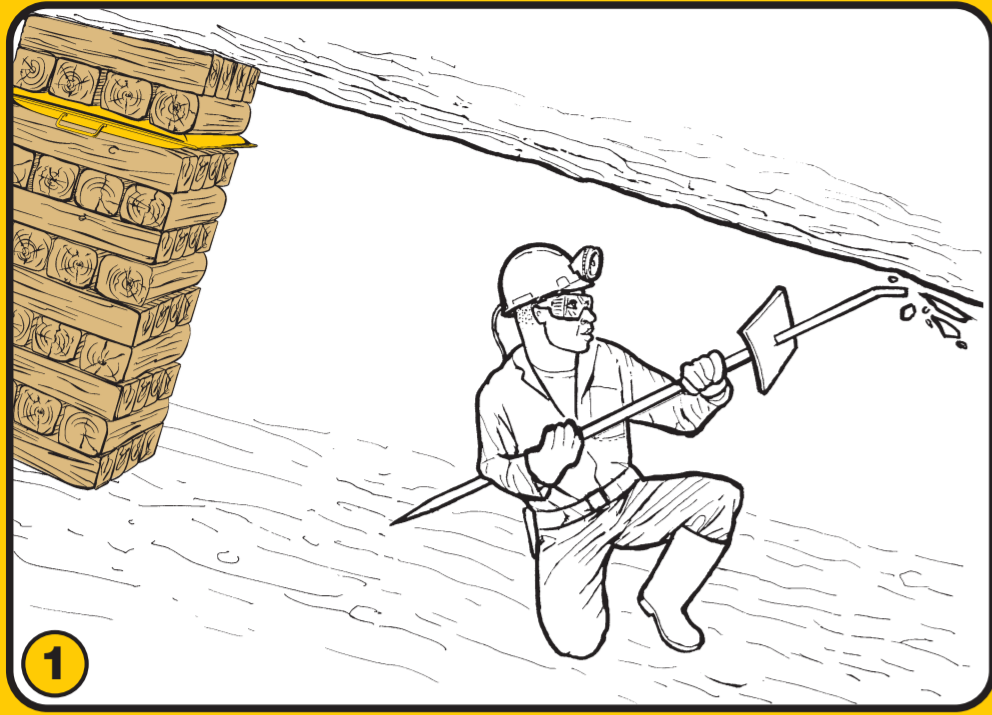
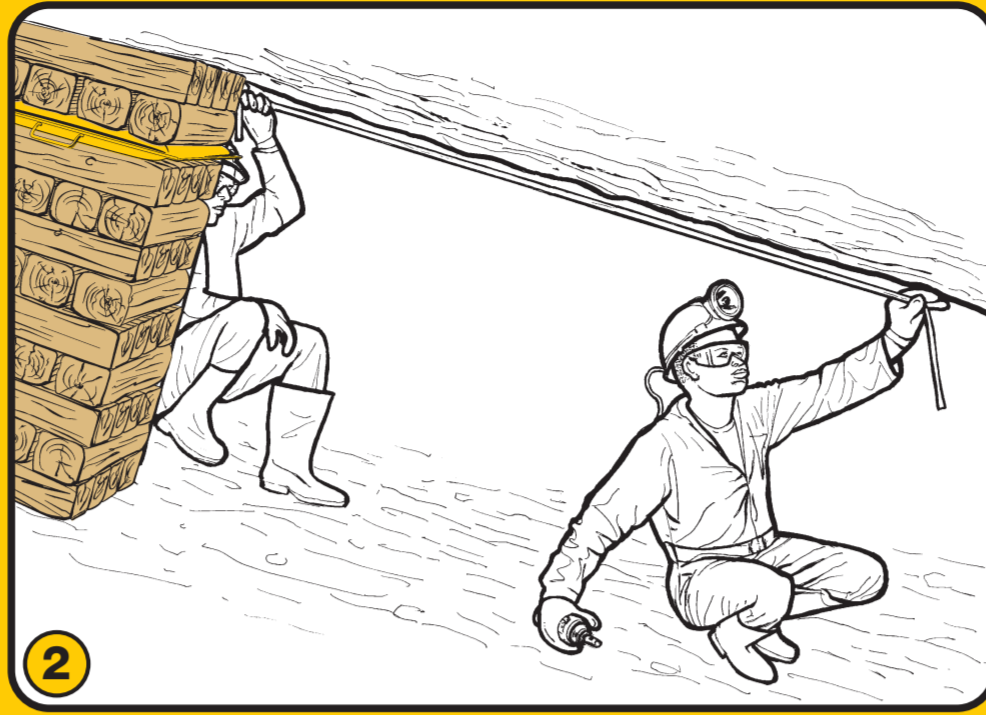


Jackpack™

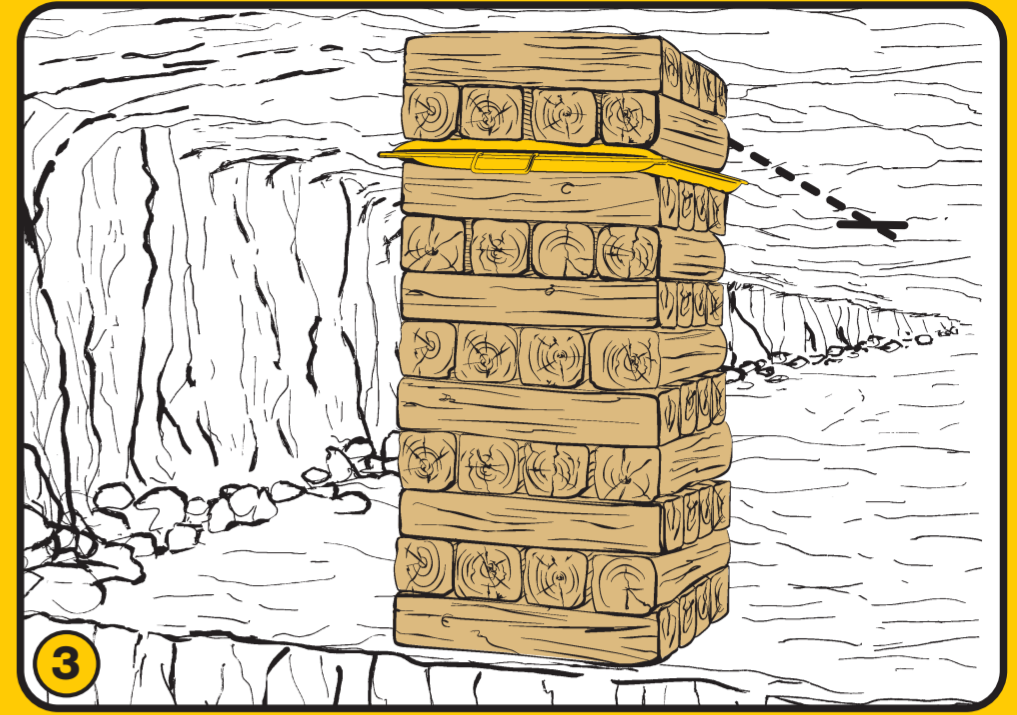
Installation Instructions



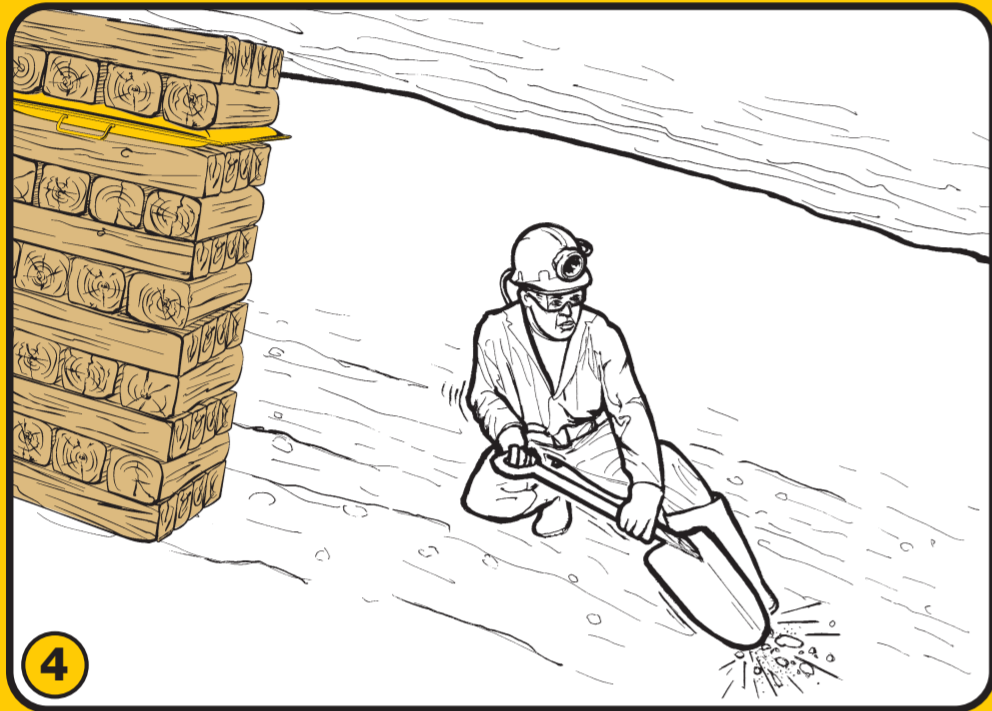
1. Before installing Jackpacks, clear the hanging wall of loose rock and prepare a solid, even surface.



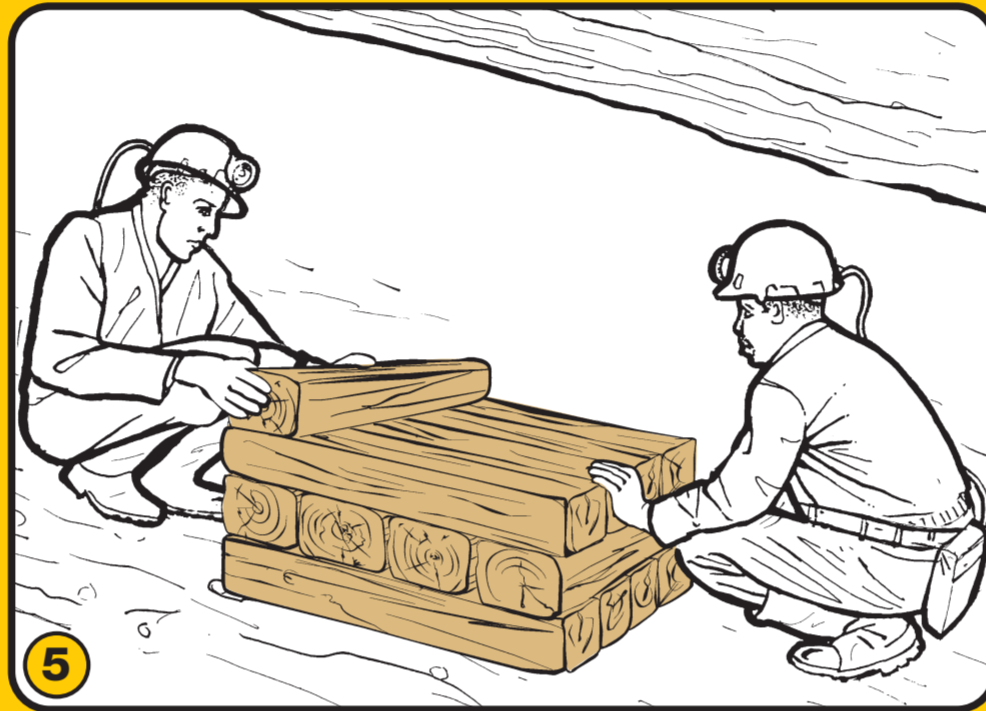
2. Measure and mark the positions for the packs on the hanging-wall according to your mine standards.



3. Make sure that the marks for the packs are in a straight line.



4. Clear the foot-wall of broken rock and prepare a solid surface.



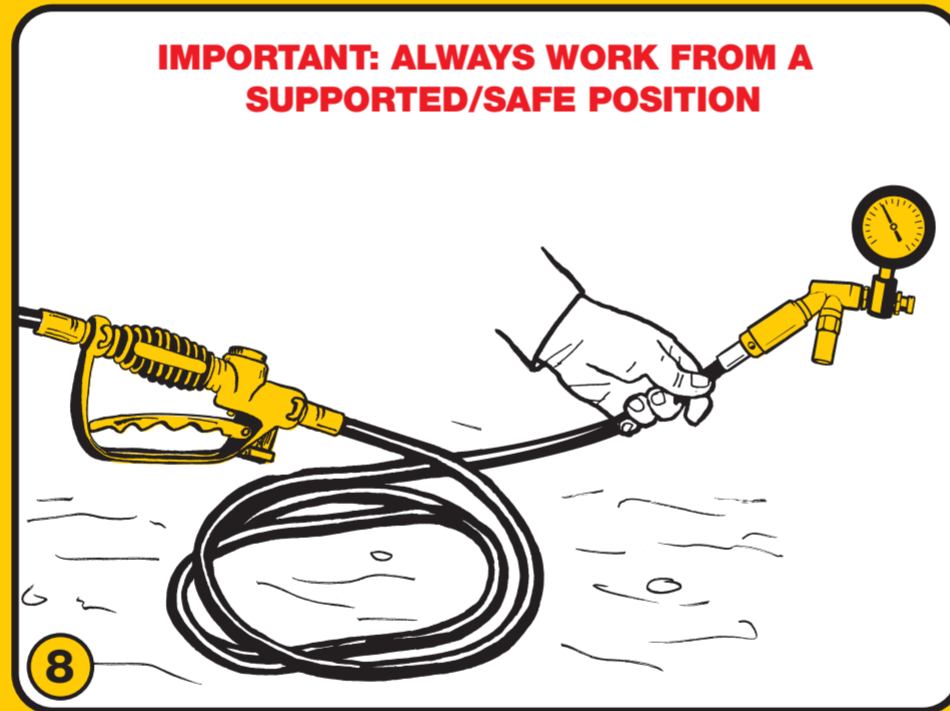
5. Using the correct sized timber, start to build the support pack.



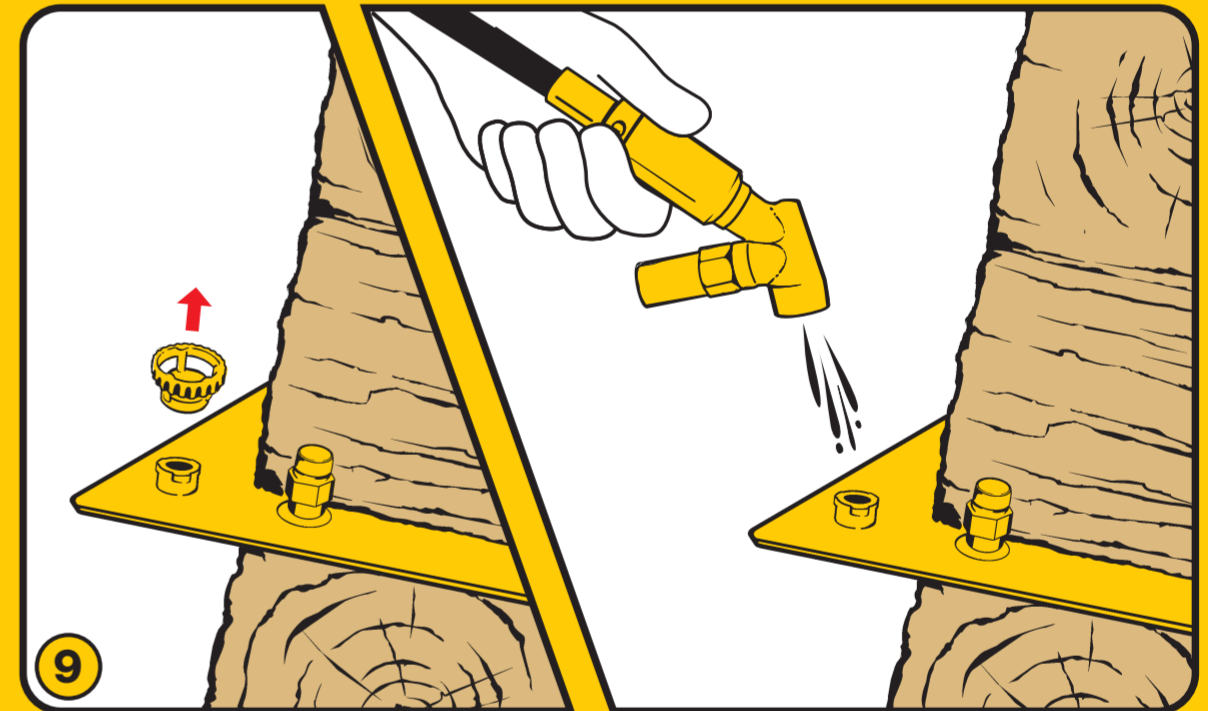
6. Place the Jackpack onto the timber pack before the pack reaches the hanging-wall. Make sure that the valve is facing away from the blasting direction.



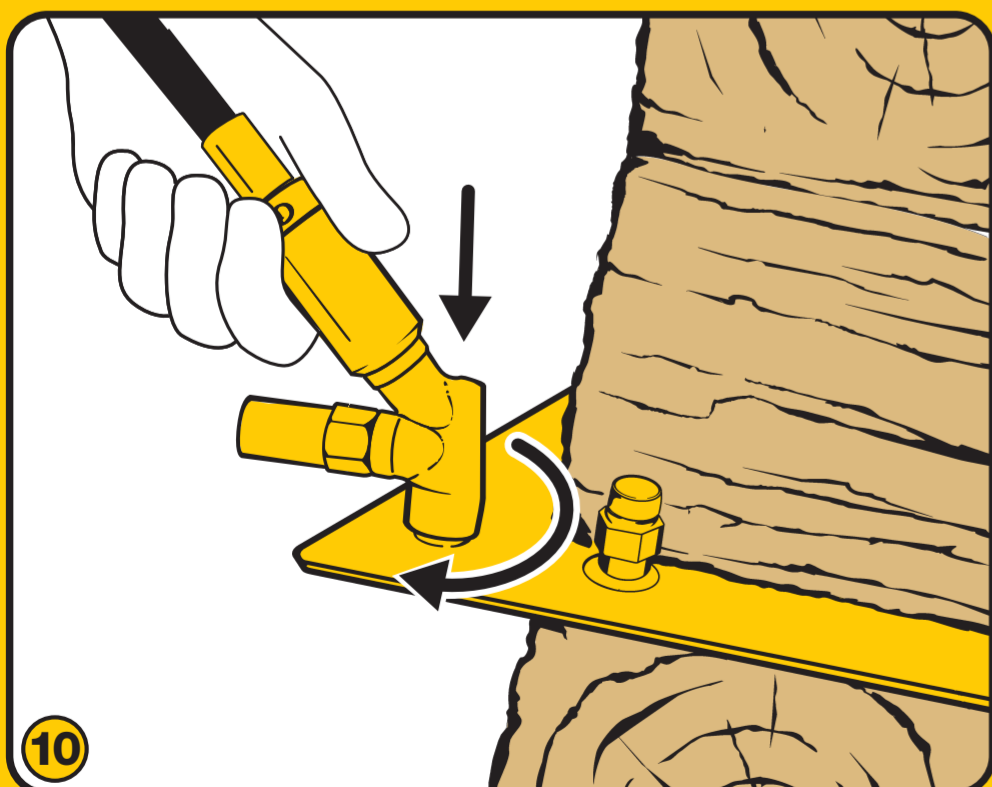
7. Build the rest of the timber pack up to the hanging-wall. Make sure the pack fits tightly to reduce the amount of pumping needed.



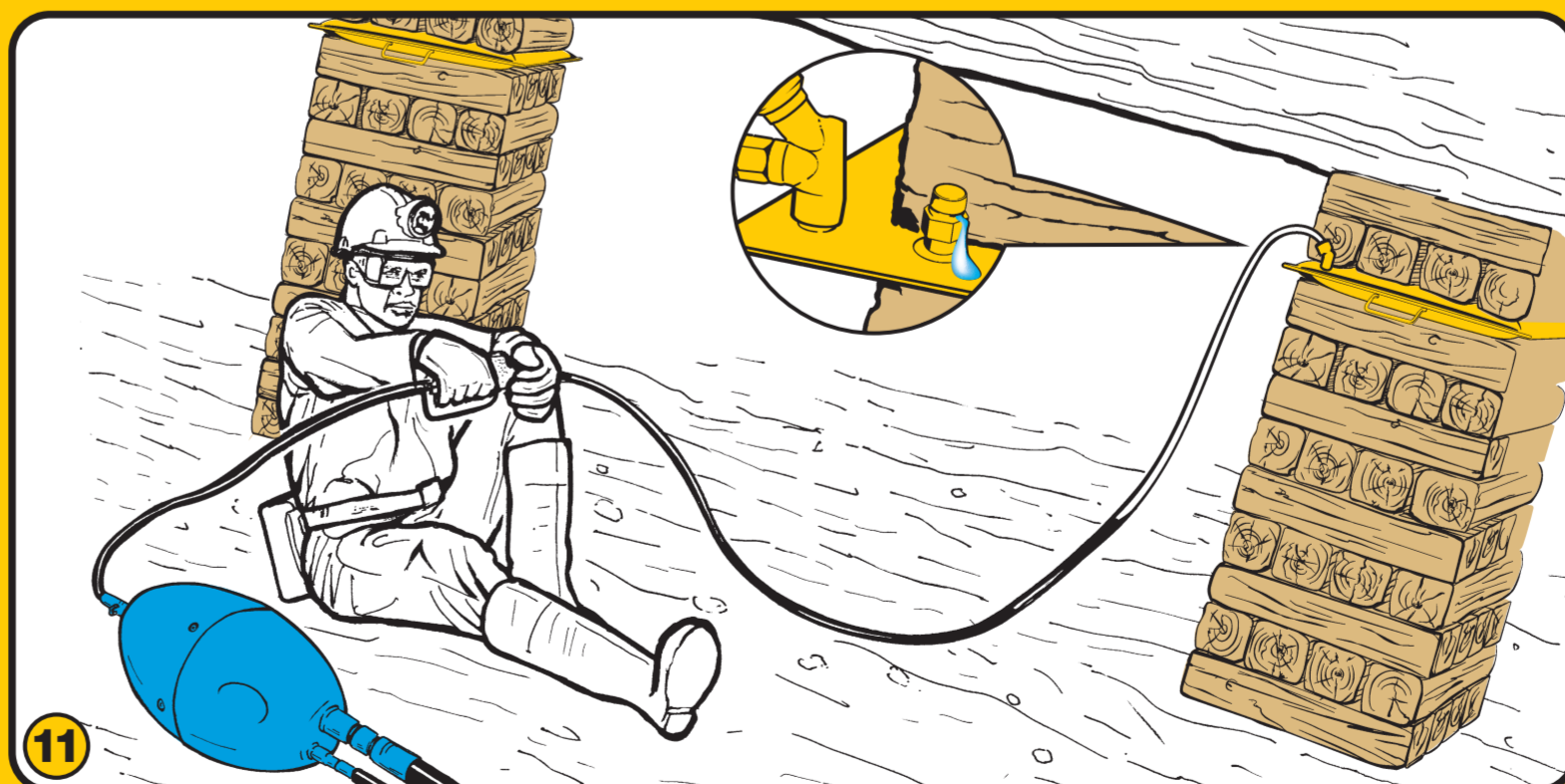
8. Check the relieving pressure daily (see "Pressure Setting" box). **METHOD:** Fit the pressure gauge to the nozzle at the end of the hose and pull the trigger.



9. Push in and twist Jackpack cap anti-clockwise to remove it. Clean valve if required.



10. Attach nozzle by pushing it on the valve and twisting clockwise in a bayonet action until it locks.



11. From a safe position pump water into the Jackpack using the Safety Pistol. When the correct pressure is reached, water will leak out of the Pressure Relief Valve on the Jackpack.

Pressure Setting

For safety reasons the pressure relief valves on the pumping system must not be tampered with. These are factory set to the required mine standard.

The relief pressure can be checked underground by connecting the Jackpot pressure gauge.

When the Combi-Nozzle or Safety Pistol does not relieve at the correct pressure it should be sent to surface for service.

Safety tips and hints

1. POSITION YOURSELF IN A SUPPORTED AREA WHEN INSTALLING.
2. Check daily for leaks on pump, hoses and nozzle. Repair any leaks immediately.
3. Always make sure you are wearing gloves and safety goggles when installing Jackpacks.
4. Properly constructed support packs reduce the amount of pumping required as the correct pressure is reached sooner.
5. Check the relieving pressure daily. This will ensure all support installations are as solid as possible.

ISO 9001:2008
international accreditation

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