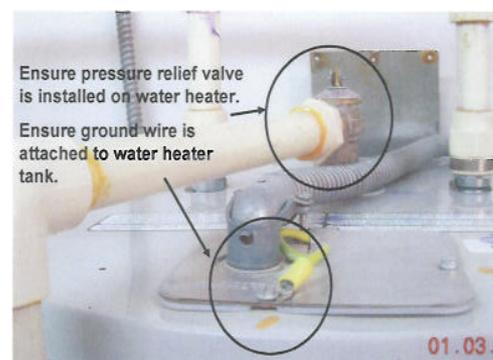
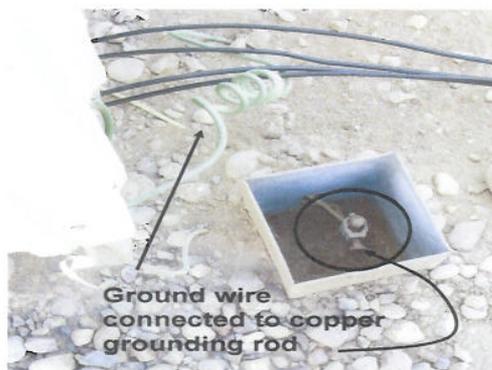


Safety Bulletin



Water Heater Grounding and Pressure Relief Valve OIF SB-018

1. We normally do not think about water heaters until we run out of hot water. Often they are taken for granted and we are not aware of the hazards associated with them. A water heater has the potential to becoming a deadly killer. If not properly grounded they can electrocute or if there is a build up of excessive pressure, they can explode either of which can harm or kill.
2. Water heaters must be properly grounded to ensure stray voltage does not travel through the water itself to surrounding objects such as the floor, control panels, switches, door knobs, plumbing fixtures, or you.
3. When water is heated in a closed container, pressure within the container increases. Without a pressure relief valve installed, the water heater can explode violently like a bomb causing serious injury or death.
4. Personnel receiving even the smallest electrical shock **MUST REPORT IT IMMEDIATELY**. Commanders and Safety Officer/NCOs must be aware of these situations and ensure appropriate actions are taken. Additionally, water heaters without functioning pressure relief valves will not be used.



5. Either of these situations require immediate action. If you are on a FOB simply submit a work request to KBR. Personnel off the FOB should submit work requests to the Division Engineers.