

- **Do not operate the centrifugal pump before you have read and understand the instructions and the engine manufacturer's manual. Failure to do so could result in personal injury or equipment damage.**

1-3 Safety Precautions

WARNING:

- **IN ORDER TO ASSURE SAFE AND EFFICIENT OPERATION OF THE CENTRIFUGAL PUMP, OPERATORS SHOULD READ AND COMPLY WITH THE FOLLOWING SAFETY PRECAUTIONS.**
- **Do not operate the centrifugal pump near gasoline or gaseous fuels because of the potential danger from explosion or fire.**
- **Do not fill the fuel tank with fuel while the engine is running.** Be careful not to spill fuel during refueling. If fuel is spilled, wipe it off and let it dry before starting the engine.
- **Do not smoke or use an open flame near the fuel tank.**
- **Do not place flammable materials near the centrifugal pump.** Be careful not to place fuel, matches, gunpowder, oily cloths, straw, or any other combustibles near the centrifugal pump.
- **Do not operate the centrifugal pump inside a room, cave, tunnel, or other insufficiently ventilated area.** Always operate the centrifugal pump in a well-ventilated area. The engine may become overheated, and the poisonous carbon monoxide gas contained in the exhaust gases will endanger human lives.
- **Keep the centrifugal pump at least 1 meter (3 feet) away from any structure or building during use.** When a centrifugal pump is located close to a building or nearby equipment, heat and exhaust from the engine will cause the surrounding temperature to rise. This will degrade the engine's cooling efficiency, causing overheating.
- **Do not enclose the centrifugal pump nor cover it with a box.** The centrifugal pump has a built-in, forced-air cooling system, and may become overheated if it is enclosed.
- **Operate the centrifugal pump on a level surface.** It is not necessary to prepare a special foundation for the centrifugal pump. However, the centrifugal pump will vibrate on an irregular surface. Therefore, choose a level place without surface irregularities.
- **Shutoff the centrifugal pump when moving the centrifugal pump to another work site.** If the centrifugal pump is tilted or moved during operation, fuel may spill and/or the centrifugal pump may tip over, causing a hazardous situation. Proper lubrication cannot be expected if the centrifugal pump is operated on a steep incline or slope. In such a case, the piston may seize; it may seize even if the oil is above the upper level.