

Mechanical plant and equipment – important points

1. Mechanical plant or equipment should be examined, tested and inspected by qualified person, engineer, competent person as appropriate at regular intervals according to the legal requirement and contract provisions.
2. Before adopting a mechanical plant or equipment for construction operation, safety officer should conduct a risk assessment in consultation with related engineers, subcontractors and workers.
3. Safety measures recommended in risk assessment should be in place before using a mechanical plant or equipment.
4. The operation of a mechanical plant or equipment by workers should be strictly in accordance with the risk assessment and the instruction manual of the manufacturer.
5. The workers to operate a mechanical plant or equipment should be adequately trained, experienced and qualified for using the plant or equipment. The contractor is required to provide information, direction and supervision to the workers working with the mechanical plant or equipment.
6. Proper maintenance of a mechanical plant or equipment should be provided to ensure that it is in good working condition.
7. Repair of defective mechanical plant or equipment should only be done by competent technician using compatible parts.
8. Stop using a mechanical plant or equipment and seek qualified personnel to conduct examination when sign of malfunctioning of the mechanical plant or equipment is observed.
9. Do not tamper with or remove any safety device of mechanical plant or equipment.
10. Carry out overhaul of a mechanical plant or equipment when the age limit of overhaul, if any, is reached. Properly dispose of the mechanical plant or equipment upon reaching its limit of life span, if specified.