

### **13. DANGEROUS MACHINERY AND APPARATUS**

13.1 Every dangerous part of any machinery or apparatus must, so far as is practicable, be effectively guarded.

13.1.1 For the purpose of this Code "effectively guarded" means provided with:

- (a) in the case of any moving dangerous part:
  - (i) an enclosure with movable parts which incorporate such safety devices as will prevent the dangerous part from moving until the movable part is in the 'safe' position and prevent any movable part of the enclosure from moving unless, by cutting off the power or otherwise, risk of injury from the dangerous part is prevented (a system of interlocks); or
  - (ii) a fixed enclosure adequately secured in such a position as to prevent any person or his clothing from coming into contact with the moving dangerous part.
- (b) in the case of any other dangerous part, a fixed enclosure:

13.2 All guards and safety devices provided for moving dangerous parts of machinery or apparatus must be constantly maintained and kept in position while the parts for which they are provided are moving except when such parts require maintenance to be carried out while they are moving and all practicable arrangements are made to minimize the risk of injury to all persons.

13.3 Where it is necessary, in accordance with the above, to remove or render inoperative safety guards or devices in order to perform an examination, adjustment or lubrication that operation must only be performed by a responsible person. Another person instructed in the steps to be taken in case of emergency must be immediately available within sight or hearing of the responsible person performing the operation.

13.4 The removal or rendering inoperative of safety guards should normally come under the requirements of the work permit system.