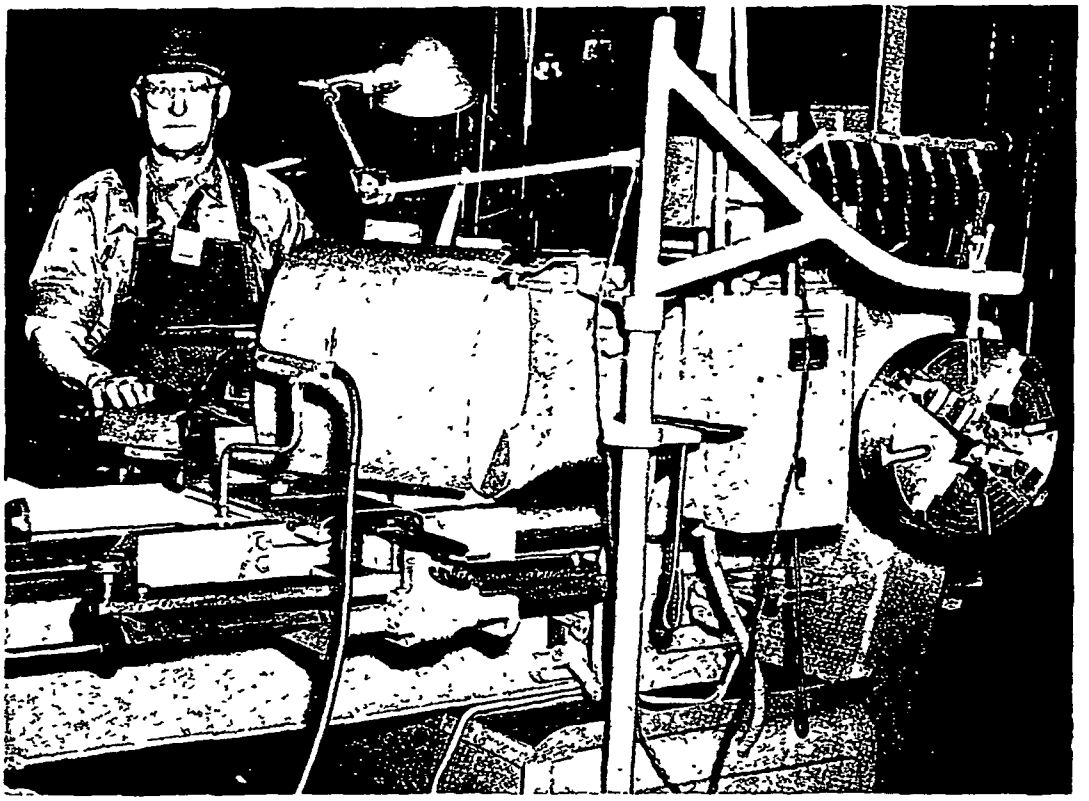

FIG 26-2 – Swinging welded pipe fixture (right) supports lathe chucks and face plates in order to take the strain away from the operator when he makes changes

should be placed around the machine Only reliable and trained employees should be permitted to use compressed air, and they should wear cup-type goggles while using air lines

Many employees use compressed air to blow dust or dirt off their clothing or out of their hair Damage to ears and eyes is likely to occur This practice should be stopped, and brushes or vacuum equipment provided for the purpose

Personal protection

The safety of a machine tool operator depends largely upon his following established safe work procedures, and his wearing the right kind of protective clothing

Obviously, all machine tool operators should wear eye protection Without some effort to confine or control the chips and coils removed from the stock being machined, there is no way for an operator to determine or control the direction of flight of these metal particles

Closely fitting clothing is of vital importance to the operator's safety Many serious injuries and fatalities have resulted when neckties, loose shirt sleeves, or other clothing were caught in a belt and pulley, between gears, in a revolving shaft, or in the revolving work being held in the chuck

People who wear long hair and who operate machine tools should wear safety caps completely covering their hair Too many instances of people being partially or entirely scalped have occurred to tolerate vanity in a machine shop Similarly, operators (male or female) should not wear gloves, rings, necklaces, or other jewelry

Since most machine operations involve the