METAL SQUARING SHEAR SAFETY GUIDELINES

1). Operating metal squaring shears presents three area of hazards:
   a) Bodily contact with the blades or material holddowns at the point-of-operation.
   b). At pinch points where a part of the body comes into contact with a moving part of the machine or feeding mechanism.
   c). Materials handling:
      1). where a part of the body may be pinched between the material being worked and parts of the machine.
      2). handling sheets and scrap
      3). body strains
      4). contact with sharp edges of sheets and scrap

2). Always keep safety in mind.

3). Wear eye protection and safety shoes at all times.

4). Do not wear neckties, wristwatches, rings jewelry, etc. when operating the shear.

5). The area around the machine should be free of oil or coolant spills (avoid a slippery floor). Keep the area clear of obstructions at all times.

6). **Do not use compressed air to clean machine surfaces, cabinets, controls, or the floor around the machine.**

7). For normal lifting, use leg, not back, muscles. For heavy lifting, use a hoist.

8). Be mentally alert on the job, always sober, and never dulled by the influence of drugs, prescribed or otherwise.

9). Use the proper hand tools for each job, keep table clear of loose tools and material.

10). Inspect shear for mechanical and electrical malfunctions and report any unsafe conditions to your supervisor.

11). Do not attempt to repair machines, only qualified personnel should perform maintenance repair work.

12). Clean machine and area after each use.

13). **Do not place any material under the back stop when shearing.**

14). **Keep hands clear from stock pressure pads.**

15). Never operate shear with someone in rear of shear.

16). Do not remove rear safety barrier when shear is in operation.

17). **Never place feet near foot pedal or shear treadle until hands and fingers are clear and you are ready to cut stock (never use as foot rest).**

18). **Do not attempt to exceed the cutting capacity of shear. Be observant of capacity change when cutting different materials.**

19). **When shearing large pieces use proper supports, as well as warning cones and/or block off area.**

20). **Always operate shear in single stroke (anti repeat) mode. See supervisor for approval to use continuous cycle mode.**

21). **Get help if the job requires it.**

22). Be aware of falling material when moving behind shear.

23). Never place hand between the material and the shear table.

24). Keep hands out of point of operation.

25). Only one person at a time may operate shear. However, some jobs may require a helper, if so, the helper must also comply with all safety requirements.

26). Remove scrap material from shear after each job.

27). Do not allow any part of your body to become pinched between material and part of machine.

Do's and Don'ts

DO get thoroughly familiar with the STOP button.

DO make sure that the work is held securely before engaging the blade with it.

DON'T under any circumstances attempt to operate any machine unless you are thoroughly familiar with it.

DON'T try to operate the machine and engage fellow workers in conversation at the same time. Keep your mind on your work and let the other fellow do the same.