

FORT DETRICK
Machine Shop Safety
Inspection Checklist

Facility _____ Area _____
Inspector _____ Date _____

- | | <u>Yes</u> | <u>No</u> |
|---|------------|-----------|
| 1. Are machines shut down before maintenance is performed? | ___ | ___ |
| 2. Are oil rags, waste, and other grease-soaked materials disposed of in metal containers with self-closing lids and emptied daily? | ___ | ___ |
| 3. Are personnel cautioned about wearing loose clothing, long sleeves, dangling neckties, gloves, and rings when working on moving machinery? | ___ | ___ |
| 4. Is eye protection worn where flying particles of metal are produced? | ___ | ___ |
| 5. Are lathes allowed to come to a stop of their own accord? | ___ | ___ |
| 6. Is hand pressure prohibited for stopping a spinning chuck? | ___ | ___ |
| 7. Is setting of tools prohibited while lathe is in motion? | ___ | ___ |
| 8. Are clamps and bolts checked to assure that they are low enough to pass under the arbor and cutter of the milling machine? | ___ | ___ |
| 9. Is it ascertained that the ram of the shaper has adequate clearance before starting the machine? | ___ | ___ |
| 10. Is eye protection worn when operating a shaper or a grinder? | ___ | ___ |
| 11. Are grinding wheels thoroughly inspected for defects before use? | ___ | ___ |
| 12. Are grinding wheels flanges and compression washers at least one-third the diameter of the wheel? | ___ | ___ |
| 13. Does the operator of a grinder stand to one side to avoid injury if the wheel fractures when the grinder is first started? | ___ | ___ |
| 14. Is the tool rest on the grinder properly adjusted to prevent stock from being dragged between the wheel and tool rest? | ___ | ___ |

- 15. Are personnel prohibited from grinding extremely thin stock? ___ ___
- 16. Is grinding on the side of a wheel prohibited? ___ ___
- 17. Are machines properly grounded to a low resistance ground? ___ ___
- 18. Is scrap metal promptly cleaned up and disposed of? ___ ___
- 19. Is the illumination in the machine shop adequate? ___ ___
- 20. Are machines so located as to provide operators with sufficient
space to handle materials and perform job operations without
conflict? ___ ___
- 21. Are machine controls conspicuously identified by
appropriate color coding? ___ ___

Comments:
