INSTALLATIONS

The installation of a vertical safety valve should be prefabricated at the factory to ensure proper fit and function. A typical installation should include:

- CHECK all parts of the valve for damage before installation.
- Place the valve in position on the pipe to be protected.
- Seal the valve with pipe dope to prevent leaks.
- Place the valve on the pipe and secure it with a clamp or strap.
- Tighten the clamp or strap to ensure a tight seal.

OPERATION

The valve should be operated by hand or by a hydraulic system. The valve should be opened or closed slowly to avoid sudden pressure changes.

BILL OF MATERIALS

The following materials are required for the installation of a vertical safety valve:

- Pipe: 2 1/2" x 2" x 2 1/2" x 2 1/2" x 2 1/2"
- Flange: 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2"
- Valve: 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2"
- Gasket: 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2"
- Bolts: 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2" x 2 1/2"

COOPERATIVE EXTENSION SERVICE
AGRICULTURE AND HOME ECONOMICS
UNITED STATES DEPARTMENT OF AGRICULTURE
WV-WV '84 6361 SHEET 1 OF 4

VALVES FOR GRAVITY MANNED HANDLING