1. INSTALLATION

1.1 Fit unit to bracket/valve with coupling to valve stem (unless a female drive version is used which can be directly connected to valve).

1.2 Ensure that coupling (if fitted) can be moved without much effort, such that it does not side load valve stem or manual handle shaft.

1.3 Refer to Kinetrol TD111 for recommended screw tightening torques.

1.4 Ensure that the handle is fitted in the orientation which allows the safe operation from a stable operating position.

1.5 Ensure that the unit is only fitted in suitable explosion proof environments as limited by the approved label contents. (See label below.)

1.6 If serrated drive is used – use a Kinetrol insert to ensure drive to valve.

2. OPERATION

2.1 Operating conditions:
- Angle of travel 90° (Non Adjustable)
- Max vibrating conditions: 4g @ 100Hz
- Ambient temperature range: -20°C to 80°C

2.2 Ensure that the handle is operated whilst standing in a stable position.

2.3 Rotate handle slowly with a good grip and ensure that there is nothing on the path of an accidentally released lever.

2.4 DO NOT allow the handle to be released from the hand grip. Slowly and deliberately rotate the handle against the spring. Note: Releasing the handle whilst in the operating position may damage the device and the operating speed may be beyond statutory recommendations.

3. MAINTENANCE

3.1 This manual spring handle does not contain user serviceable components, if the unit is faulty it should be disposed of safely and replaced with a new unit or returned to Kinetrol for repair.

3.2 If the output torque is too high for application, then some sizes can be retensioned. TD126 describes the procedure for safely achieving a change in torque.