Installation, Operation & Maintenance Instructions
054/057 Fire Fail-safe Unit

FOR USE WITH THE FOLLOWING MODELS:

05++0*0 – 1201

KEY: ++ Will be one of the following:  4 = Male Drive               2 = Clockwise spring action
*Will be one of the following:
3F = Female Drive                   3 = Anticlockwise spring action
7 - = American Male Drive
7F = ANSI Female Drive
3S = Serrated Female Drive
7S = ANSI Serrated Female Drive

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) If serrated drive is used – use a Kinetrol insert to
provide drive to valve.

2) OPERATION

2.1) Operating conditions:
• Angle of travel 90º (Non-Adjustable)
• Max vibrating conditions: 4g@100Hz
• Ambient temperature range: -40ºC to 80ºC

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 in the path of an
accidentally released lever. Hook the Fire Fail-safe link over the groove in the L shaped lever and
release the wrench and remove from square.

2.4) The link is now primed. To remove the link tension, follow this procedure in reverse.

3) MAINTENANCE

3.1) The Fire Fail-safe link can be replaced by removing the link tension (as described in 2.4) and
removing the pivot pin. A suitable replacement can be obtained from Kinetrol. Quote serial number as
printed on spring label.

3.2) The spring unit does not contain user serviceable components. If the spring is faulty it should
be disposed of safely and replaced with a new unit or returned to Kinetrol for repair.