Installation, Operation&Maintenance Instructions

(Barrel Type Spring Check Valve)

1. Scope: This Instruction applies to Barrel Type Spring Check Valve (NTC SPV-20)

2. Safety Precautions: The NTC SPV-20 Stainless Steel Check Valve is suitable for use with non-dangerous gases and liquids within the pressure limits cast into the body of the valve (PN20 – 290 psi/g). The valve is fitted with a Fluorocarbon Rubber (FKM) Seal (otherwise known as Viton – DuPont TM). This valve is not suitable for use on Steam applications. Please check Chemical Resistance and Temperature suitability of intended product use prior to installation.

3. Installation: Please check that the valve works correctly by pushing the poppet guide bar at the inlet end of the valve in the direction of the flow arrow cast into the valve body. This should move freely, without obstruction and return to it's original position when released. If this does not happen, please check the valve for any obstruction or foreign matter. If the valve does not operate smoothly, do not install the valve and return it to your supplier for inspection/replacement.

After carrying out the above functionality check, connect the valve to the pipework by screwing the threaded ends of the valve onto the connecting pipework ensuring thread compatibility and using a suitable jointing compound. Ensure that the valve is mounted with the Arrow cast onto the body pointing in the same direction as the product flow in the pipework

5. Operation: The valve is designed to prevent the back flow of liquids and gases within a pipework system. The valve will operate automatically provided that the above installation instruction has been carried out correctly.

6. Maintenance: The NTC SPV-20 should be relatively maintenance free. If the valve is removed from service for any reason please inspect for any signs of damage and thoroughly flush the valve before re-installation. The valve is a two piece body construction. The body can be unscrewed for cleaning and a new seal can be fitted.