Fire Truck Valve Checker System and Method

ABSTRACT OF THE DISCLOSURE

A valve checker system includes a valve having a valve housing with an inlet side, an outlet side, and a valve element therebetween. The valve element is selectively and repeatably rotatable between a first closed position, wherein a seal is formed between the valve element and the valve housing, thereby substantially preventing fluid flow between the inlet and outlet sides, and an open position, wherein the seal is broken such that fluid flow is permissible between the inlet and outlet sides. The valve element is also selectively and repeatably rotatable within a discrete angle in a direction toward the open position, from the first closed position into a second closed position in which the seal is maintained between the valve element and the valve housing. A controller is operatively coupled to the valve element and configured to rotate the valve element between the first and second closed positions.

[Fig. 3]