

OPERATIONS AND MAINTENANCE
INSTRUCTIONS
FOR THE TF250 POST HYDRANTS

DESCRIPTION

- A. THE HYDRANTS ARE TRUFLO #TF250 POST HYDRANTS MANUFACTURED BY JOHN C. KUPFERLE FOUNDRY CO. 2511 North 9th STREET, ST. LOUIS, MO. 63102. PHONE 314-231-8738, FAX 314-231-2820
- B. HYDRANTS ARE POST TYPE WITH A ____ FIP INLET AND A ____ NST NOZZLE ON THE OUTLET. ALL OPERATING PARTS OF THE HYDRANT CAN BE SERVICED OR REPLACED WITHOUT DIGGING UP OR DISTURBING THE SUPPLY LINE CONNETION.

OPERATION

- A. HYDRANT IS MANUALLY OPERATED BY USING A HYDRANT WRENCH ON THE TOP SCREW OR OPERATING NUT. HYDRANT OPENS BY TURNING THE TOP SCREW TO THE LEFT OR COUNTERCLOCKWISE. HYDRANT CLOSES BY TURNING THE TOP SCREW TO THE RIGHT OR CLOCKWISE. HYDRANT CLOSES AGAINST THE PRESSURE. TOP SCREW SHOULD NEVER BE FORCED ONE WAY OR THE OTHER.
- B. THE HYDRANT IS A SELF-DRAINING, NON-FREEZE TYPE. WHEN THE HYDRANT IS TURNED OFF, THE INLET VALVE IS CLOSED AND THE DRAIN PORTS ARE OPENED ALLOWING WATER IN THE HYDRANT AND TRENCH STOCK TO DRAIN OUT THROUGH THE DRAIN OPENING IN THE IRON BASIN.

INSTALLATION

- A. SET HYDRANT IN A SUFFICIENT SUPPLY OF CRUSHED STONE OR GRAVEL TO INSURE DRAINAGE FROM THE DRAIN HOLE IN THE HYDRANT BOTTOM.
- B. SUPPLY LINES **MUST** BE FLUSHED FREE OF ROCK, GRAVEL AND OTHER DEBRIS BEFORE CONNECTING THE HYDRANT.
- C. INSTRUCTIONS OF THE AMERICAN WATER WORKS ASSOCIATION SHOULD BE FOLLOWED WHEN PLACING AND TESTING HYDRANT.

PARTS REPLACEMENT

- A. REPLACEMENT PARTS MAY BE OBTAINED FROM ANY WATER WORKS DISTRIBUTOR. A LIST OF DISTRIBUTORS MAY BE OBTAINED BY CALLING KUPFERLE FOUNDRY CO. AT 800-231-3990.
- B. SERVICING OF THE HYDRANT OR REPLACEMENT OF WORN PARTS CAN BE ACCOMPLISHED WITHOUT DIGGING UP OR DISTURBING THE SUPPLY LINE CONNECCTION. THIS IS DONE BY REMOVING THE TWO (2) BOLTS HOLDING THE TOP CAP IN PLACE. THE TOP CAP AND INSIDE OPERATING PARTS CAN BE LIFTED OUT OF THE HYDRANT FOR SERVICING REPAIR OR REPLACEMENT.
- C. HYDRANT PARTS ARE IDENTIFIED AND PART NUMBERS ARE LISTED ON THE FOLLOWING DETAIL SHEETS.
 - a. TRUFLO #TF250 DETAIL DRAWING
 - b. PARTS LIST SHEETS
- D. IF HYDRANTS ARE USED DAILY AS ANNUAL INSPECTION OF THE O-RINGS AND SEAT RUBBER ARE RECOMMENDED. A #77D O-RING (QTY 3 REQUIRED) & #77I SEAT RUBBER (QTY 1 – REQUIRED)
- E. 3 - O-RINGS & 1 – SEAT RUBBER SHOULD BE KEPT ON HAND. WHEN REPLACING PARTS, LUBRICATE WITH A NON-TOXIC OIL (VEGETABLE, LINSEED, ECT.) BEFORE REINSERTING INTO HYDRANT.
- F. FOR PROPER OPERATION, THE HYDRANT SHOULD HAVE 6 BUT NO MORE THAN 7 FULL TURNS ON THE OPERATING NUT.