

MAGNE-TRAC GENERAL NOTES

- TWO TYPES OF METAL
 - CARBON STEEL
 - STAINLESS STEEL
- TWO METAL GRADES
 - 304
 - 316 (HIGHER QUALITY; MORE EXPENSIVE)
- THREE MAIN PARTS:
 - CHAMBER
 - INDICATOR
 - FLAGS:
 - EACH FLAG CONSISTS OF 2 PIECES OF PLASTIC FROM AN INJECTABLE MOLD, ONE YELLOW & ONE BLACK
 - MAGNETS ARE PLACED IN BETWEEN THE 2 PIECES AND THEN THEY ARE GLUED TOGETHER
 - BEFORE BEING PLACED ON THE TRACK, THE FLAGS HAVE TO BE TRIMMED FREE OF ANY BURRS SO THAT THEY CAN MOVE FREELY WITH THE FLOAT AND GIVE AN ACCURATE READING
 - FLOAT
 - A FLOAT IN THE MAG GAGE REACTS WITH TWO-SIDED MAGNETS ON THE INDICATOR. THE FLOAT HAS A MAGNET AT THE TOP, AND AS IT MOVES UP, THE FLAGS FLIP FROM ONE SIDE TO THE OTHER (TYPICALLY BLACK SIDE TO YELLOW SIDE) TO DISPLAY THE LEVEL.
- USE A HYDROCHAMBER TO TEST CHAMBERS AND FLOATS FOR LEAKS
 - LOG AT HYDRO STATION KEEPS TRACK OF:
 - WHAT WAS TESTED (FLOAT OR CHAMBER)
 - WHEN IT WAS TESTED
 - WHO TESTED IT
 - HOW LONG IT WAS TESTED FOR
 - WHAT PRESSURE IT WAS TESTED AT; AND
 - WHETHER THE DEVICE PASSED OR FAILED THE TEST
- GLASS FRONT INDICATORS ARE SOMETIMES USED IN PLACE OF PLASTIC ON MAGNE-TRACS IF HEAT MAY MELT THE PLASTIC