

ACCIDENTS DO HAPPEN!

A DEFINITE OVERLOAD CAUSED THIS PRESS FRAME TO PART COMPANY - NOT MERELY CRACK!

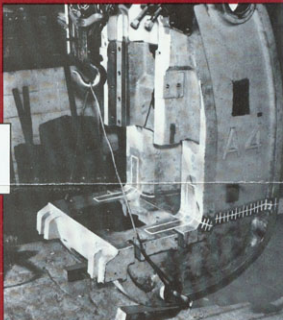


Readying sections for re-alignment and repair ▲

NO HEAT USED
REPAIR IS STRESS FREE

End of Story?

↓ NO! ↓



▲ Alignment regained and repair completed

After being repaired in throat area, this press operated successfully for 4 years - another overload caused a new fracture.



◀ Note the position (X) of the new break, well above and completely unrelated to the original repair.

ANOTHER EXAMPLE OF THE ADEQUACY OF OUR REPAIRS.
IN MOST CASES - STRONGER THAN PARENT METAL

FIRST AID FOR METAL



METAL LOCKING SERVICE inc
MLS MACHINE SHOP

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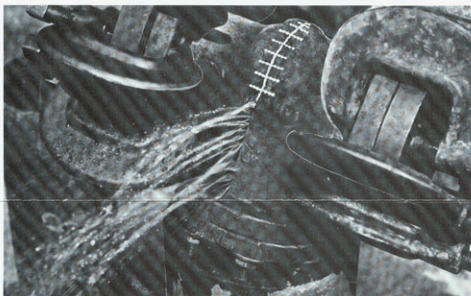
TESTED TO DESTRUCTION

IN OUR EARLY DAYS, WORD OF MOUTH WAS NOT ALWAYS SUFFICIENT. SUCCESS IN THE CASTING REPAIR BUSINESS HAD TO BE PROVEN — HENCE THE FOLLOWING TEST.

**FAIRBANKS GATE VALVE BODY - RATED CAPACITY 200 # psi
CRACK 8 " LONG - REPAIRED MECHANICALLY.
HYDRAULICALLY TESTED, WITHOUT LEAKS, TO 1750 # psi
DESTRUCTION OCCURRED AT 2250 # psi !!!**

TEST
CONDUCTED
MAY 31, 1944

NO
HEAT
USED



TESTED AT
PHILADELPHIA,
PA.

NO
RESIDUAL
STRESSES

NOW, WITH OVER 53 YEARS EXPERIENCE, WE CONTINUE TO MAKE MECHANICAL REPAIRS TO CASTINGS AND MACHINE PARTS, BROKEN IN OPERATION, AND TO NEW CASTINGS FOUND TO HAVE DEFECTS.

"FIRST AID FOR METAL"



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