

08/09/2023

Pennsy Service Bulletin

SUBJECT:

Hinge Base Plate Crack

REASON FOR BULLETIN:

During routine service a crack in the base plate of the hinge may appear. This crack may go unnoticed during standard inspections.

INSPECTION

INSTRUCTIONS:

1. During standard inspections, look for cracks near the weld affixing the hinge barrel.
2. Looking from the side of the bridge plate, observe the edge of the hinge base plate.
3. The crack will cause a portion of the hinge base to separate from the aluminum bridge plate.
4. Examine both the stationary-pin and sliding-pin ends of hinge.
5. Imperfections in the weld and damaged paint may visually present as a crack, verify presence of a crack using a pry bar and looking for movement of the crack.



CONCLUSION:

If a crack is present and there is clear separation of the hinge base plate, remove the bridge plate from service and contact Pennsy Corporation. Bridge plate hinges showing no cracks pose no risk of failure and may remain in service.

PENNSY Corporation

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