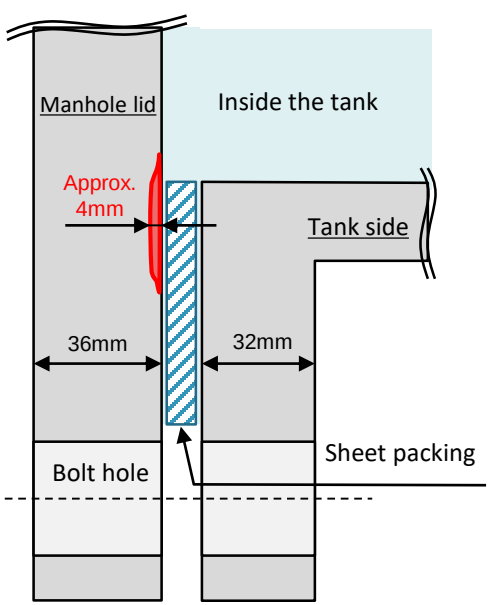
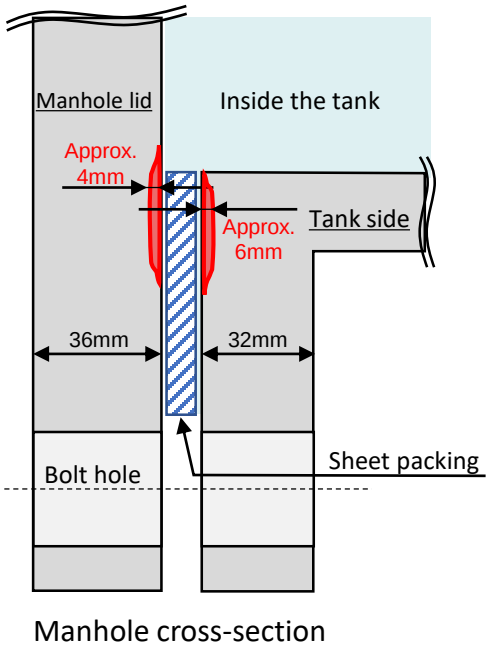
Fukushima Daiichi Nuclear Power Station
Measurement/confirmation tank Group B inspection results (corrosion on the manhole)

< Reference document >
June 12, 2025
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi Decontamination & Decommissioning Engineering Company

- During the inspections of facilities related to the discharge of ALPS treated water into the sea in FY2024, the inside inspection was conducted on tank Group B of measurement/confirmation tanks (10 tanks in total: K4-B1～B10), since corrosions were found on the manhole bottoms of two tanks (K4-B4, B6). but tank functions were not affected.
  <Announced on May 29, 2025>
- Three corrosions were found on the manhole bottoms. These corrosions were found is sufficient to the minimum required thickness (12.9mm) and there are no problems with integrity as below.
  - K4-B4: approximately minimum 32mm on the lid side (approximately maximum corrosion thickness: 4mm)
  - K4-B6: approximately minimum 32mm on the lid side (approximately maximum corrosion thickness: 4mm), approximately minimum 26mm on the tank side (approximately maximum corrosion thickness: 6mm)
- In addition, after repairing the area of corrosion on the manhole with metal putty, a Liquid gasket was applied to improve sealing performance.

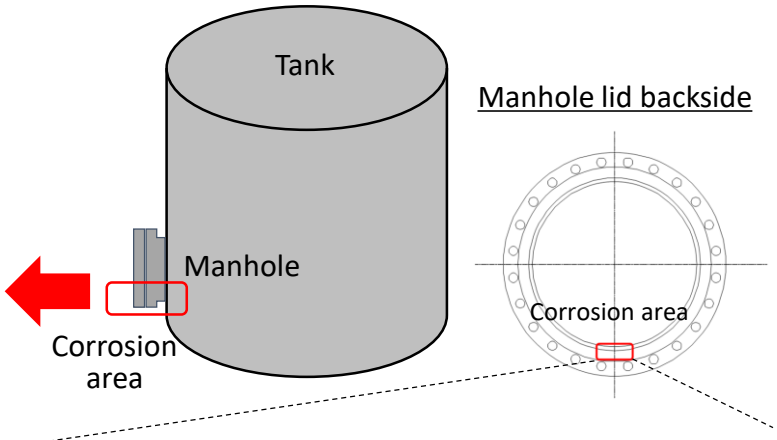


K4-B4 tank corrosion condition



Manhole cross-section

K4-B6 tank corrosion condition



【Prior to repairs】 【After repairs】

Photographed the manhole lid backside (K4-B6 tank)