

Heat exchanger inspection — Unit 4

Report date: Oct 9, 2026

What was inspected Plate heat exchanger, primary circuit, Unit 4
Prepared by J. Martin
Location Plant room B2
Customer or job Northfield Facilities · job 2410-07

1 Inlet nozzle, video walkthrough



Still from the inspection video at the inlet nozzle; surface sound, minor discolouration only.

Figure 1.

MAGIC_ENDOSCOPE_20261009_001239.mp4 · Video still
at 00:02.797 · Video length 00:05

2 Gasket seepage at the lower manifold



Priority (author): Fix soon

Dried residue below the gasket line; no active drip during the inspection.

Next action: Replace the gasket set; order part before the shutdown.

Figure 2.

MAGIC_ENDOSCOPE_20261009_001246.jpg

3 Scale deposits on plates 12–15



Figure 3.

MAGIC_ENDOSCOPE_20261009_001251.jpg

Priority (author): Monitor

Light calcium scale on the inlet side; flow channel narrowed by roughly a third at plate 14.

Next action: Chemical descale at the next shutdown; recheck in 6 months.

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