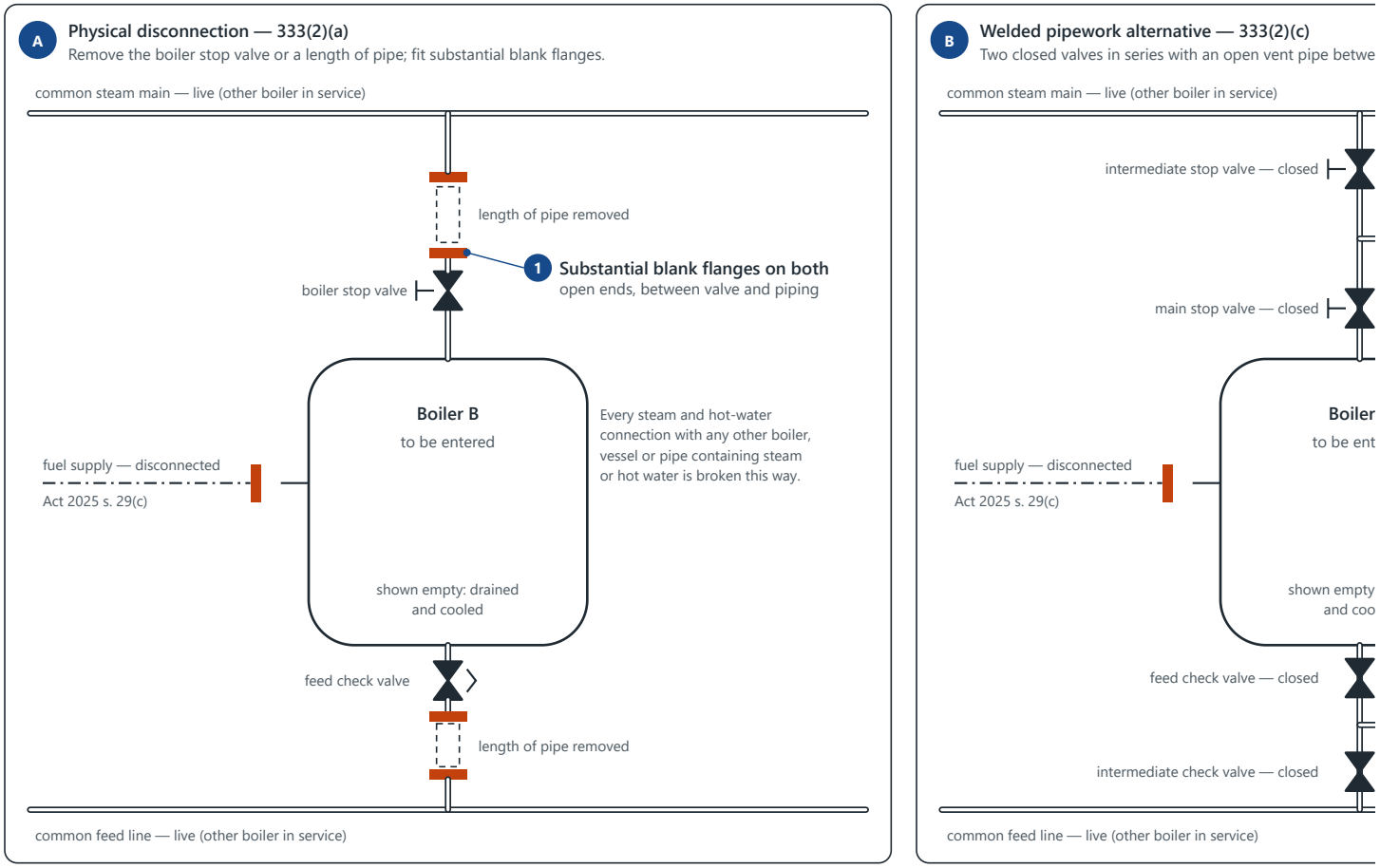
Before anyone enters a boiler — effective disconnection (regulation 333)

Boiler B is to be entered while another boiler on the same steam main and feed line stays in service. Two ways the regulation accepts:



Shutting a stop valve, stop cock or automatic isolating valve alone does NOT comply — 333(2)(b).
Panel B is accepted only for welded pipework, and only with both vents open while the valves on either side are closed.

Owner: obtain the Chief Inspector's written approval of the disconnection method and ensure it is followed — 333(3).
Electric light inside: not more than 24 V; hand lamp with guard, keyless socket, insulated handle, approved extension cord — 333(4).
Power tools used inside: metallic parts effectively earthed — 333(5). Fuel mains: disconnect as well — Boilers Act 2025 s. 29(c).

Draining and cooling are sho

Teaching sketch only — follow the Gazette text, the approved method and the site permit-to-work.

INDEPENDENT EDUCATIONAL REFERENCE — NOT AN APPROVED, CERTIFIED, FABRICATION-READY OR CODE-COMPLIANT DESIGN.
Verify against the official Gazette (IBR 2026), amendments and project specifications.
IBRsource — independent; not affiliated with the Government of India or the Central Boilers Board.

Figure: fig-effective-disconnection Rev B
Schematic, not to scale
Date: 2026-11-20
Engineering review: in progress