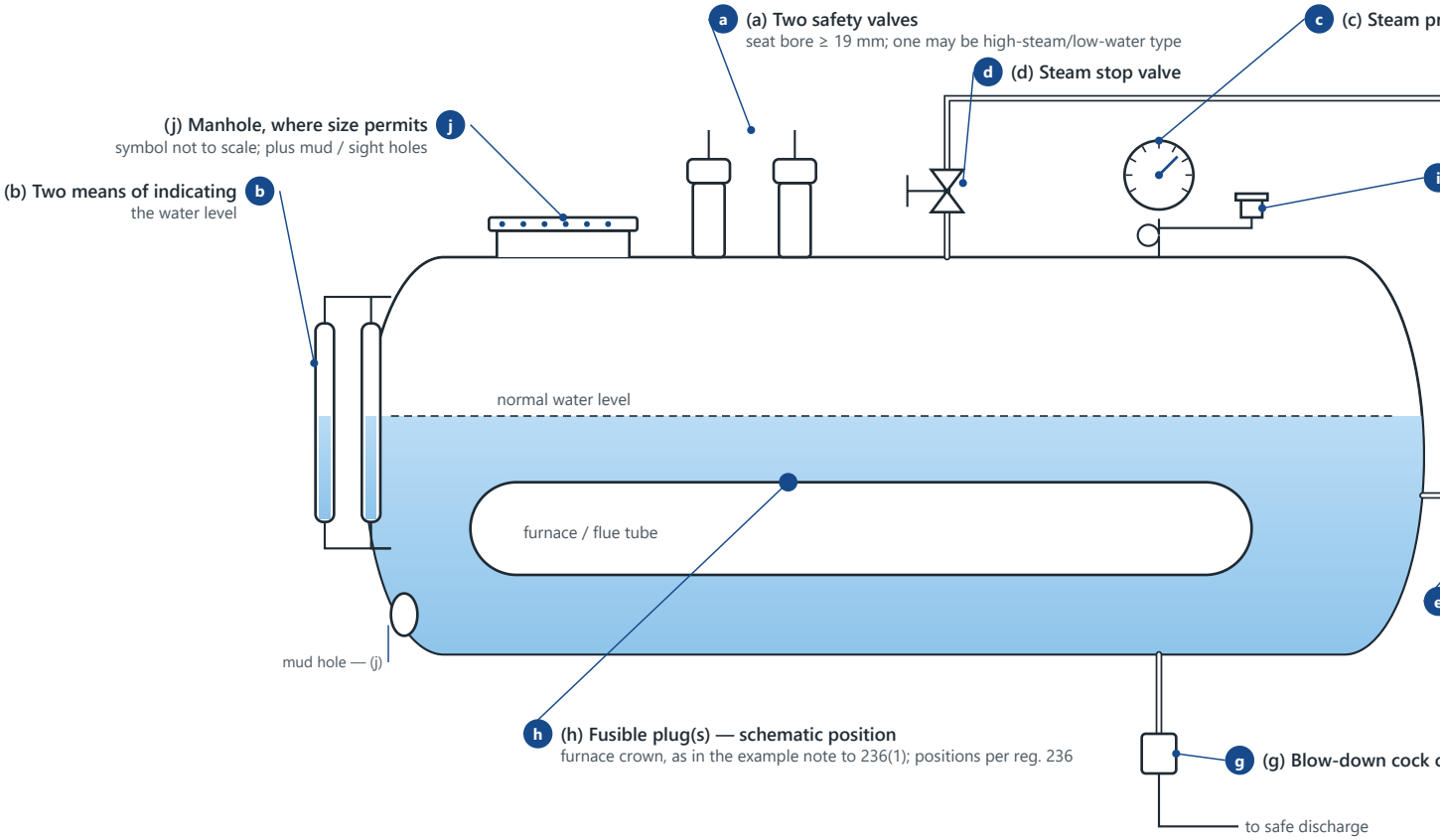
Minimum mountings and fittings on every boiler — regulation 181

Shell-type boiler in side elevation, used only as a teaching example. Letters follow clauses 181(1)(a)–(j). Symbols not to scale.



Also: integral superheaters need an additional safety valve at the superheater outlet header — 181(2).

Boilers with no fixed steam and water line need not carry fittings that are manifestly not needed — 181(3).

Single shell boilers ≤ 102 m² heating surface, not in battery: two independent power supplies to feed apparatus not required — 181(4).

Schematic positions only. Sizes, numbers and arrangements must follow regs. 181–242 and the approved design.

INDEPENDENT EDUCATIONAL REFERENCE — NOT AN APPROVED, CERTIFIED, FABRICATION-READY OR CODE-COMPLIANT DESIGN.

Verify against the official Gazette (IBR 2026), amendments and project specifications.

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Figure: fig-boiler-mountings Rev B

Schematic, not to scale

Date: 2026-11-20

Engineering review: in progress