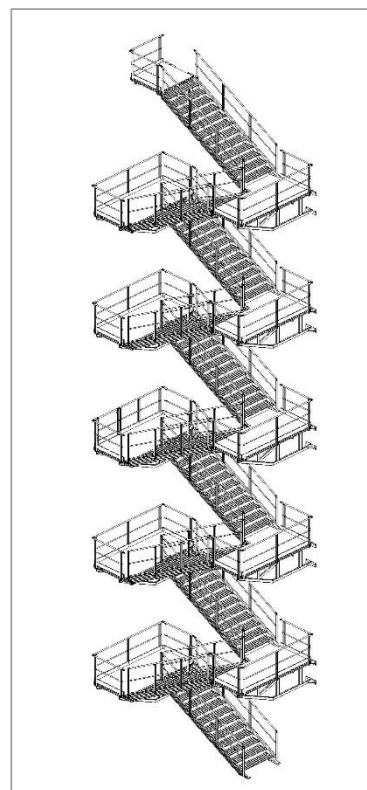
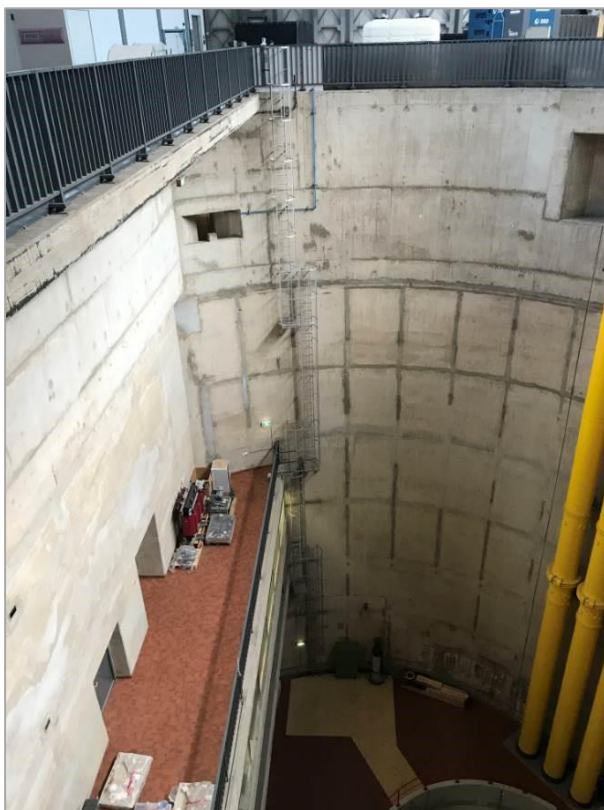


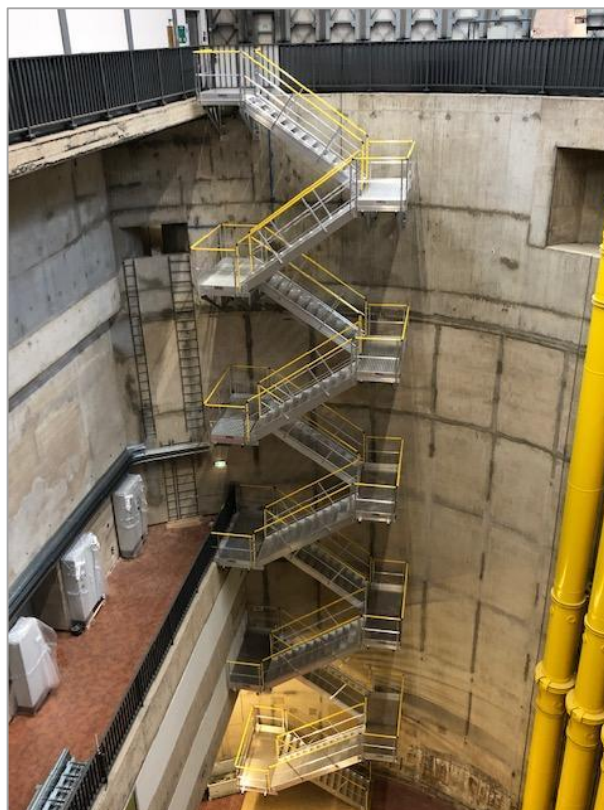
Evacuation staircases in hydroelectric power station



Before



After



Staircase 25 meters height – capacity of load: 500 kg/m² - fixed on rounded concrete wall by galvanised steel adjustable brackets.

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Evacuation staircases in hydroelectric power station

Total staircase height: 25.50 m
Composed of 11 staircases and 9
landing platforms.

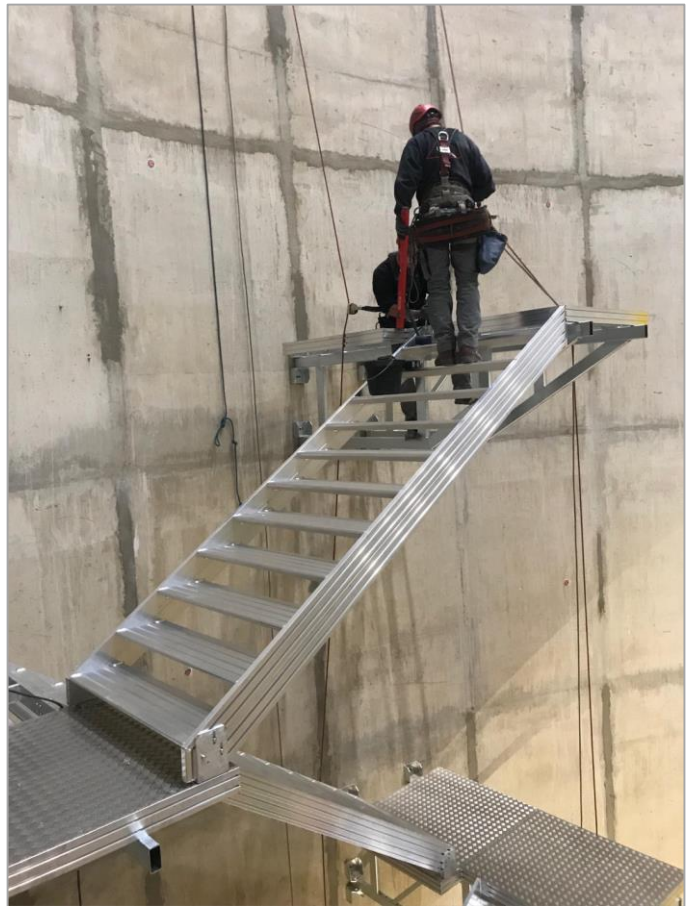
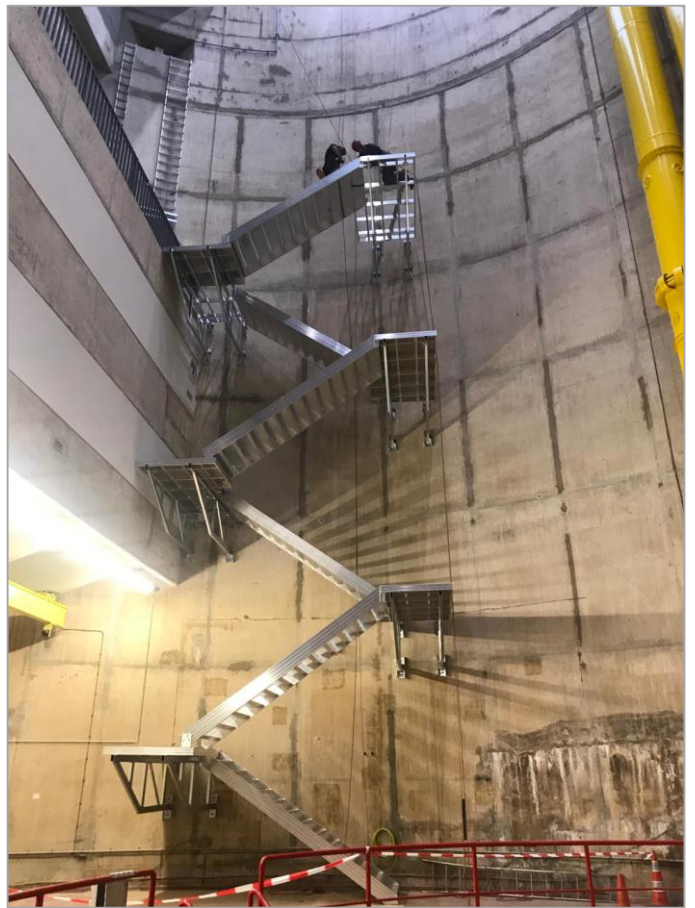
Staircases:

- Anti-slip ribbed aluminum steps depth 316 mm.
- Guardrail on each sides with yellow lacquered handrail and intermediary rail (RAL 1032).
- Staircase unit weight: about 125 kg.

Landing platforms:

- Checkered flat sheet aluminum landing platforms with offset.
- Peripheral guardrail with yellow lacquered handrail, intermediary rail and baseboard (RAL 1032).
- Platform unit weight: about 95 kg.

Exit platform on existing slab at 12
meters above the ground.
22 fixing brackets – unit weight about
80 kg.



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Evacuation staircases in hydroelectric power station

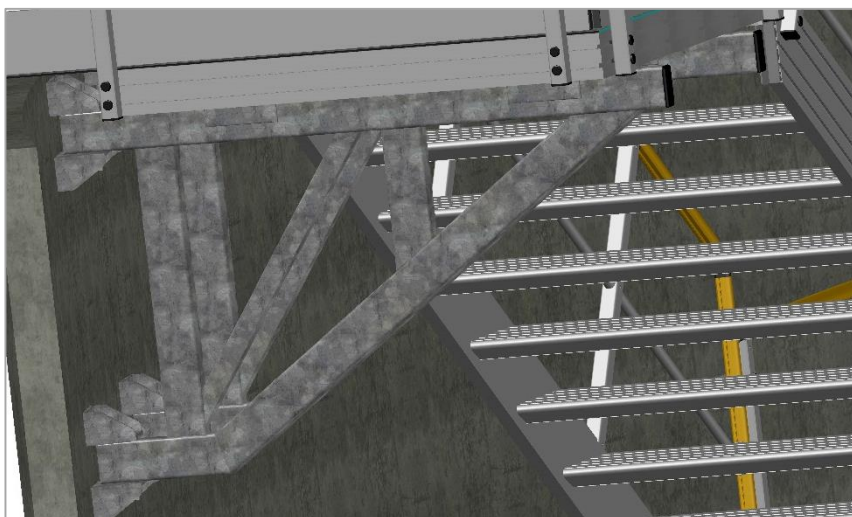
For easy
assembly,
the
installers
riveted flat
sheet
aluminum
and fixed
landing
platform to
the
brackets
from above.



3D view of galvanised
steel brackets.



Adjustable brackets,
specially design for
rounded concrete wall.

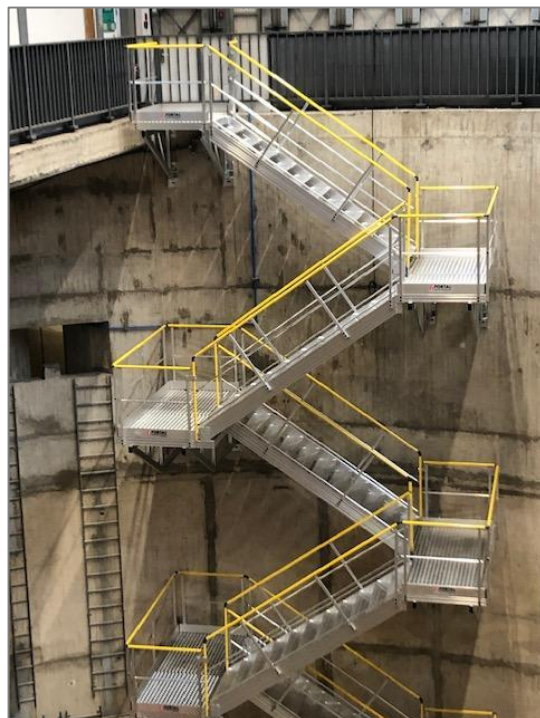


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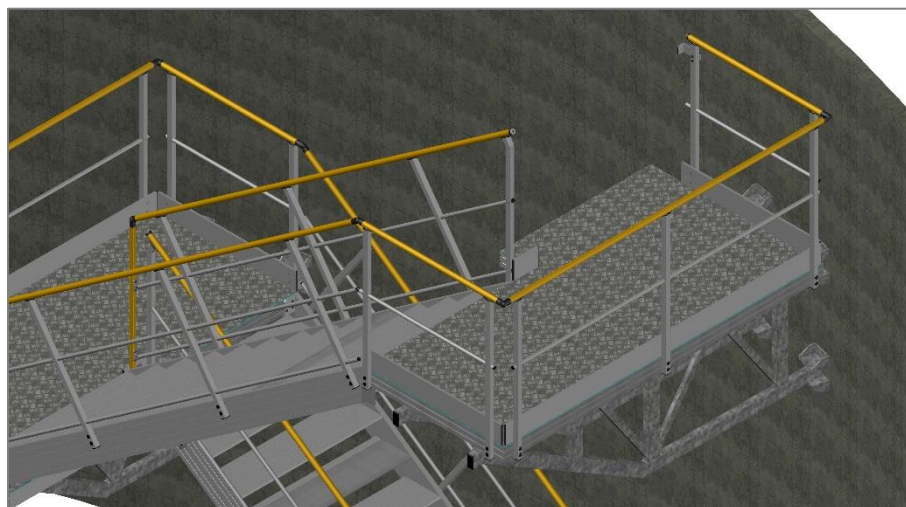
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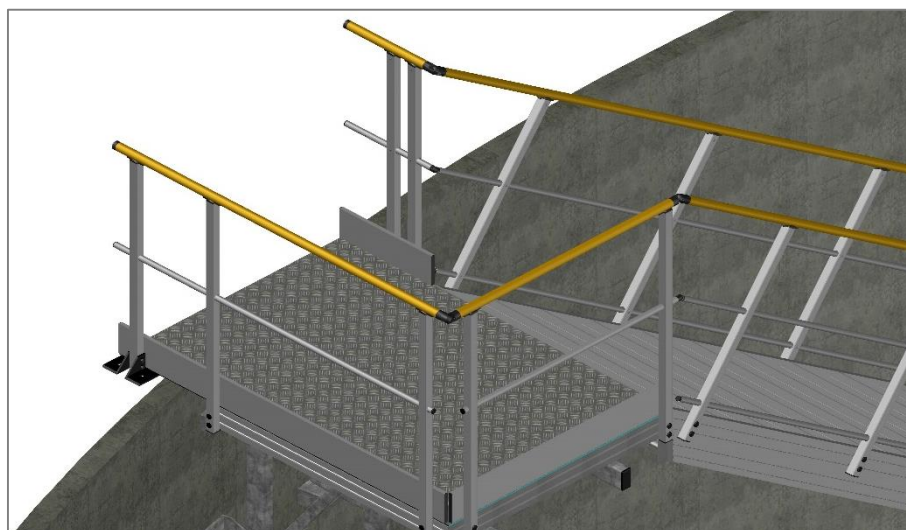
Evacuation staircases in hydroelectric power station



110 x 35 mm
extruded aluminum
structure.



Checkered flat
sheet aluminum
platform –
thickness 4.4 mm



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