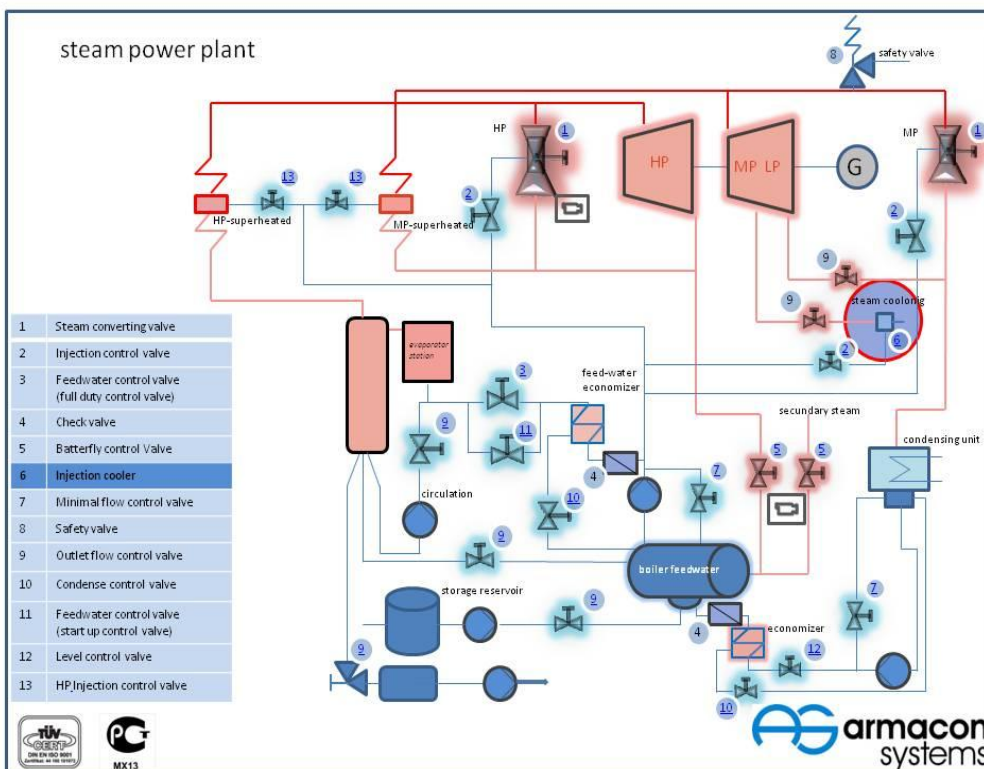
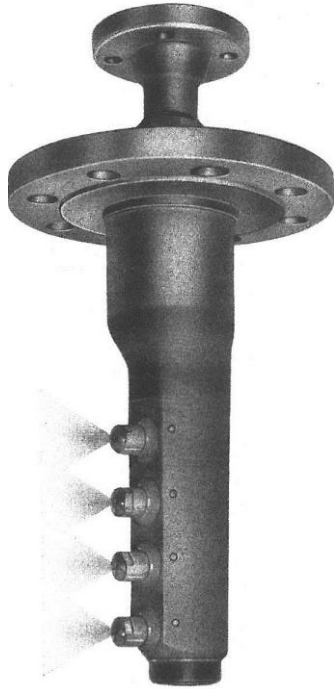


# Injection cooler



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Injection cooling devices get used mainly in thermo technical plants for cooling of steam in pipelines. The cooling effect gets achieved by injection water or condensates which get divided by the injection nozzles and get guided into the steam flow. Herewith the latent heat of the injection medium got pulled out of the steam heat, which causes that the steam gets cooled. Die the injection devices consists of the nozzle carrier with connecting flange, the cooling water connection and the injection nozzles. The nozzle are screwed and welded into the carrier, so they cannot loosen themselves. Quantity and size of the nozzles are accorded to the needed cooling water and the available differential pressure. The nozzle carrier is strong designed to prevent vibrancy even at higher steam speed.

