

## Piping: Stainless Steel Design TC-203

Design of Piping Installations according to EN13480 Industrial Piping especially in Stainless Steel with welding executed with Shielding Gas (Inert Gas) for MIG and TIG welding for e.g.,

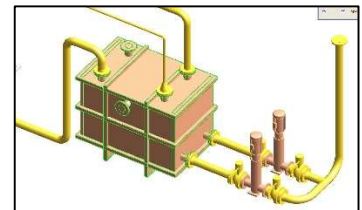
- Pharma piping
- Process Installation
- Water Installations
- Condensate (Pressure less)
- Cooling Installations

Cost of gas filling shall be taken into consideration with making detail design of piping – both for workshop prefabrication and “last site weld” to finish and close the pipework. Split at e.g., 3-part ball valves, flange assembly or butterfly valves (with welding ends and not for water mounting).

The Training Course covers how to design the Stainless-Steel Piping system prepared to obtain the most efficient manufacturing process afterwards. For example, when design and planning manufacturing of e.g., Pharma Looped system like WFI, HPW, CIP or similar with one continuous pipe without valves or flanges, the Protective Gas filling must be considered.

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*Pictures of tool set for controlling the protective gas, pharma piping, Condensate piping and pipe system for distillation of Ethanol for an API factory.*