

## Pressure Vessels & Manifolds

### Pressure Vessels & Manifolds

We offer Pressure Vessels & Manifolds made from Carbon Steel, Stainless Steel and Copper Nickel tailor made to customer requirements and in accordance to rules and regulations like PED, HP0/R100 - AD2000, DIN 2303-Q2-BK1 or international classification societies like DNVGL or Lloyds Register.

### Sizes & Pressure Ratings

Total weight up to 10tons, max. Length approx. 8 m, OD of the main body up to 1500 mm

Wall thickness up to 20 mm

Pressure rating from 6 to 100 bar operating pressure, depending on design and size.

### Calculation & design

Strenght calculations acc. t the rules are carried out by us as well as detailed design drawings

### Fabrication process - Testing - Surface treatment

Base on the optimized work preparation we utilize our modern machinery for the precise pre-fabrication of single items. Assembly and outfitting is done by our experiences fitters and welders.

NDT of welding seams and pressure testing up to 150 bar is done in house and partly by independent testing companies.

Surface treatment by strong partners from our region, like hot dip galvanizing, blasting and painting, powder coating.

### Quality Management

Processes are monitored and running acc. to a quality management system acc. to ISO 9001:2015 approved by DnVGL

### Approvals

PED 97/23/EC – AD2000 HP0/R100

DIN 2303-Q2-BK1

DNVGL and other international rules



## Some examples



Carbon Steel, 70 bar, natural gas, PED



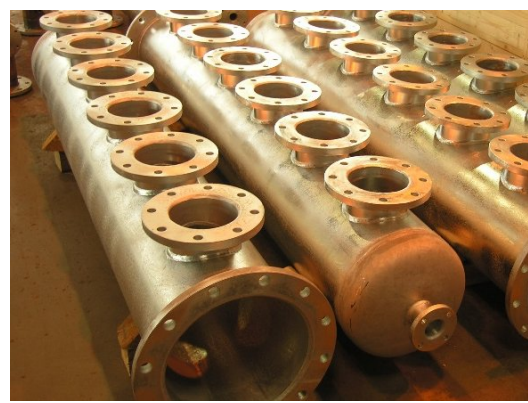
Carbon Steel, hot dip galvanized 10 bar, water, GL



Carbon Steel, steam, 14 bar, PED



Manifolds



Manifolds Carbon Steel, hot dip galvanized

Contact:  
CIG Piping Technology GmbH  
Zur Westpier 10  
D-28755 Bremen

Tel.: +49 (0) 421 62 00 62 0  
Fax.: +49 (0) 421 62 00 62 10  
E: [info@cig-pt.com](mailto:info@cig-pt.com)  
W: [www.cig-pt.com](http://www.cig-pt.com)  
W: [www.centralindustrygroup.com](http://www.centralindustrygroup.com)