

TITLE: *Design of housings for hydrogen filtration*

RESEARCH ACTIVITIES:

- ✓ Design, material selection, manufacturing and tests of pressure vessels for food&beverage and pharmaceutical microfiltration, according with ASME Sec.VII Div.1
- ✓ Finite Element simulation with a specific software dedicated to vessels' design
- ✓ Aim: implementation of a customized vessel configurator, following ASME certification

METHODOLOGY: Analytical, numerical

DURATION: 6-9 months

CONTACTS:

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LOCATION:

The thesis will be in Alteco Srl, Colognola Ai Colli (VR).
The student will have the support of the industrial team and of an expert on the standards; he will follow an educational course on the use of the software.

What is a housing?

