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**Software Pressure Equipment Directive 2014/68/EU
PED Professional**

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Software: Pressure
Equipment Directive
2014/68/EU
PED Professional

Original texts, interactive tools,
hazard analysis, operating
instructions, international library

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Pressure Equipment Directive 2014/68/EU

Original text of the Directive in English, including guidelines and additional remarks

International library

Original text of the Directive in 19 European languages

Categorization

Graphic assignment of a pressure equipment to a category on the basis of its hazard potential

Hazard and risk analysis

Proposal how to perform a 4-step hazard and risk analysis for pressure equipment and assemblies

Operating instructions

How to prepare operating instructions for pressure equipment and assemblies

Material database

Editable material database, with selected properties

Test pressure calculation

for the standard water pressure test according to EN 13445-5

EC-GHS/CLP 1272/2008 substance list

Database with over 4,400 substances offers support in fluid categorization according to the Directive

Particular material appraisal

Preparation of a particular material appraisal for non-harmonized materials

European approval for materials

Database containing the materials with European material approval

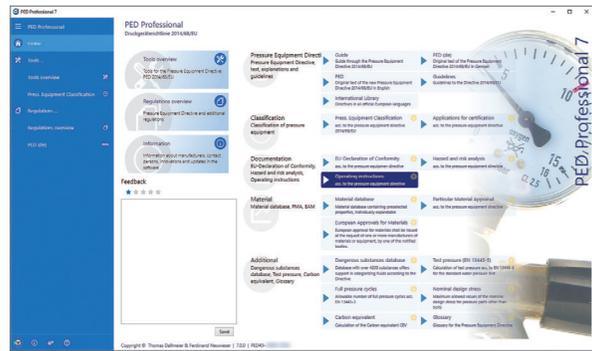
Full pressure cycles

Allowable number of full pressure cycles according to EN 13445-3

Just a few steps to reach your goal

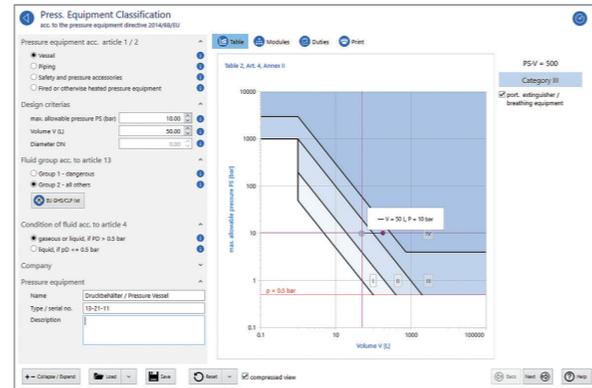
...via interactive tools supported by a user-friendly reference source that includes search functions to filter for individual terms and cross references, which can then be displayed by a single mouse click.

Parameter input and the declaration of conformity are only a few steps away. During this process, you can switch between the interactive section and the original text of the Pressure Equipment Directive at any time.



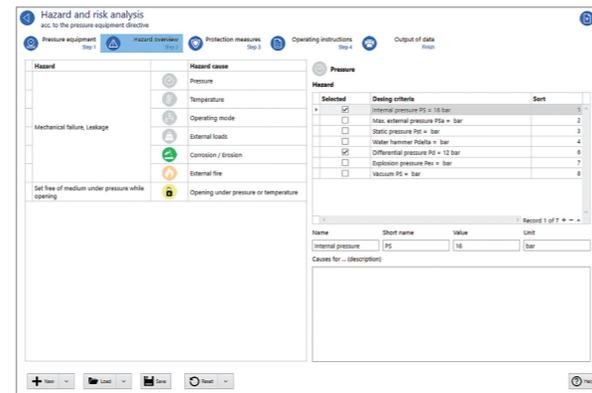
Extensive online help

Additionally, you can activate the pertinent online help for each relevant field of entry.



Pressure equipment classification

The graphic assignment to the applicable diagrams and categories is performed on the basis of the defined type of pressure equipment, its permissible operational data and operating medium. Subsequently the corresponding conformity assessment procedures are determined and the tasks of the manufacturer and the notified body are listed.

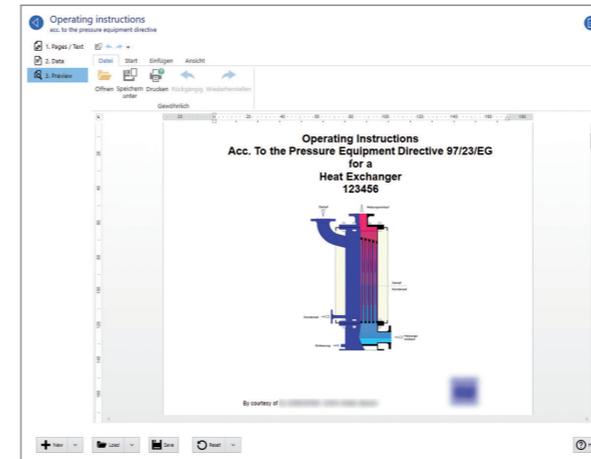


Hazard and risk analysis

Prepare a hazard and risk analysis for your pressure equipment and assemblies in only 4 steps. Examples of potential hazard causes and safety measures have already been defined and can be supplemented at any time.

Operating instructions

The module supports a systematic approach to prepare operating instructions on the basis of proposed headlines and additional remarks. A database containing the most important warning signs provides support in the graphic design.



Material database

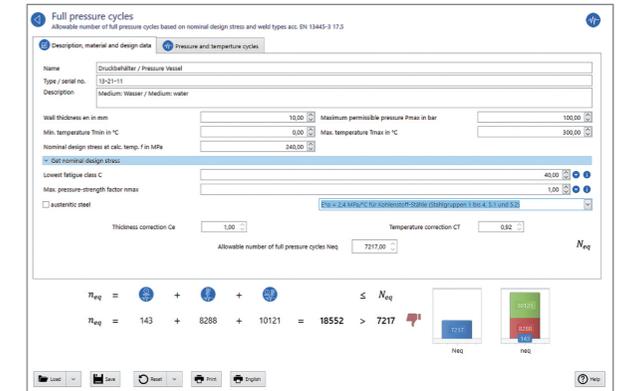
The material database contains selected properties. You can add to and edit the database.

Test pressure

Calculation of test pressure according to EN 13445-5 for the standard water pressure test.

Full pressure cycles

Allowable number of full pressure cycles according to EN 13445-3



Always up-to-date

European legislation is continuously amended. In order to keep your software up-to-date, we offer updates to be downloaded. Thereby you receive information on the directive (guidelines, approval of materials, standardisation) and amended program tools. The price of the software includes this service for the year of purchase. In the following years the service will be charged at only € 145 per year and can be cancelled at the end of each year.

System requirements

- Microsoft® Windows® 10 or newer
- Approx. 290 MB available hard-disk space
- Microsoft .NET Framework 4.6
- Minimum resolution 1280x800 pixel

Download trial version: www.tuvsud.com/software-test

Including Pressure Equipment Directive 2014/68/EU **Free for all customers using the update service**