



Program Details

ARTICLE NUMBER

ggu-04-011

OPERATING SYSTEM

Windows 7/8/10

Description

GGU-DENSITY – Determination and visualisation of soil density to German Standard DIN 18125, Part 2.

The program provides three different methods of density determination:

- Mould method
- Sand replacement method
- Densitometer method

Capabilities:

- Input of up to 15 tests
- Container weights definable via database
- Determination of water content, density, wet density, dry density and compaction according to selected method
- Determination of specific weight, void ratio, pore content, degree of saturation and air space ratio using cylinder evaluation with derived values
- Result visualisation in a free definable table
- Free design of form
- Print or copy screen sections, e.g. for transfer to a word processor
- Integrated Mini-CAD system for additional annotation of graphics

Screenshot of the GGU-DENSITY software interface showing the "Density determination (sand replacement)" test setup. The main window displays sample details (My town, Example street) and test parameters (Test number: 123456, Sampling point: House pond, Depth: base, Type of sampling: wet, Soil type: oozie, Date of sampling: 11.02.2018). A modal dialog box titled "Test 1" shows detailed input fields for water content, sand replacement, and proctor densities, along with calculated values like 8549.00, 8077.00, and 3685.00.

Screenshot of the GGU-DENSITY software interface showing the "Density determination (cylinder)" test setup. The main window displays sample details (My town, Example road) and test parameters (Test number: 123456, Sampling point: House pond, Depth: base, Type of sampling: wet, Soil type: oozie, Date of sampling: 11.02.2018). A modal dialog box titled "Test 1" shows detailed input fields for wet density, cylinder properties, and proctor densities, along with calculated values like 1769.00, 78.00, and 1691.00.

 www.ggu-software.com		Report: 1234 / 2018 Annex: 1.1																																																																		
Density determination (cylinder) (DIN 18125-2) My town Example road		Sampling point: Surface sealing Depth: 2. Layer Type of sampling: undisturbed Soil type: U, \bar{t} Date of sampling: 11.02.2018																																																																		
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