Program Details

Article number
ggu-04-002

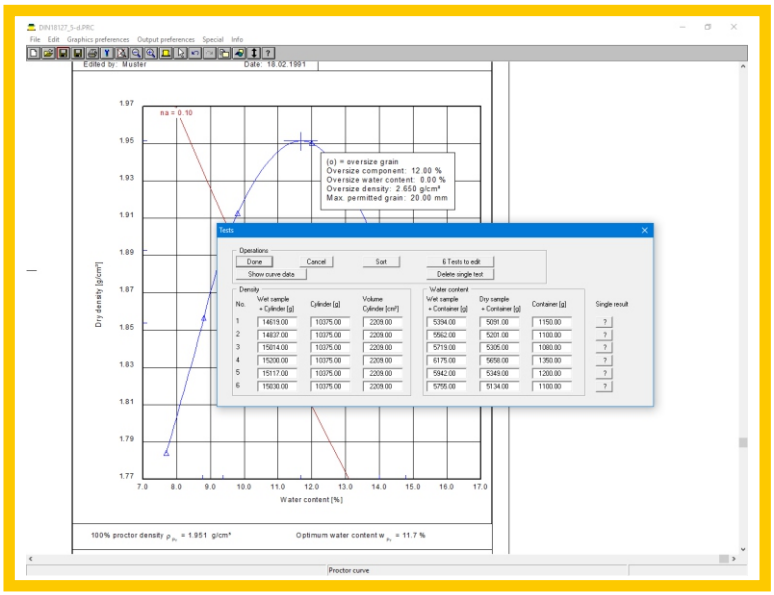
Operating System
Windows 7/8/10

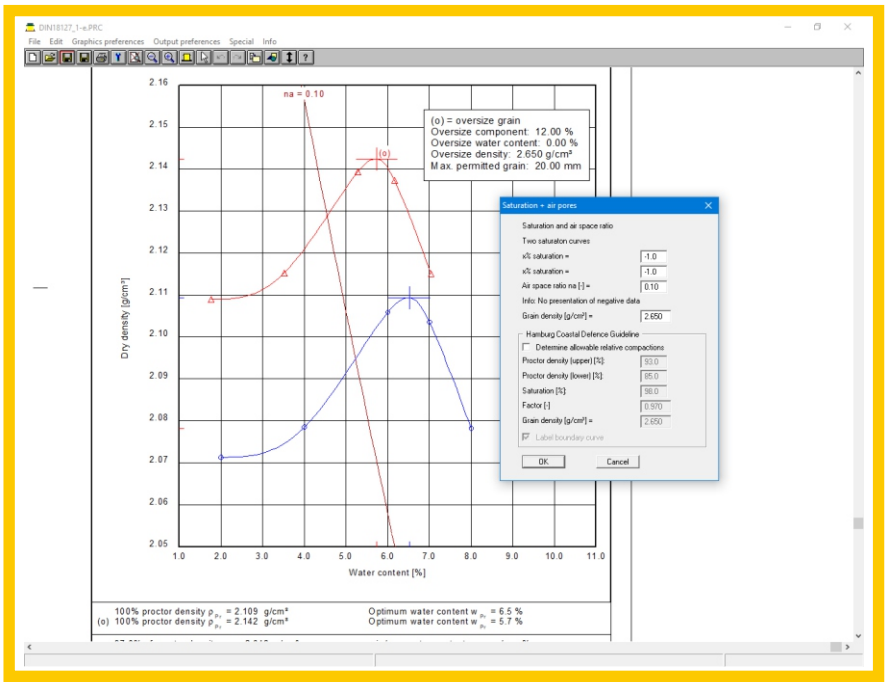
Description

GGU-COMPACT *– Evaluation and visualisation of proctor compaction tests.*

Capabilities:

- *Input of 16 single tests maximum*
- *Container weights definable via database*
- *Importing of up to 15 'extra tests' (proctor curves)*
- *Volume input with metal plate to Annex B (DIN EN 13286-2:2010)*
- *Visualisation of saturation curve*
- *Visualisation of air space ratio*
- *Visualisation of the corrected proctor curve for coarse-grained soils with oversize grain*
- *Visualisation of oversize grain as curve*
- *4 separate smoothing out procedures*
- *Consideration of the Hamburg Coastal Defence Guideline*
- *Fixed axes scale definable*
- *Input of individual densities, optionally referenced to the corrected curve*
- *Input of user-defined proctor densities, optionally for oversize grain*
- *Result output table, optionally with graphics visualisation on output sheet (A3)*
- *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*





www.ggu-software.com

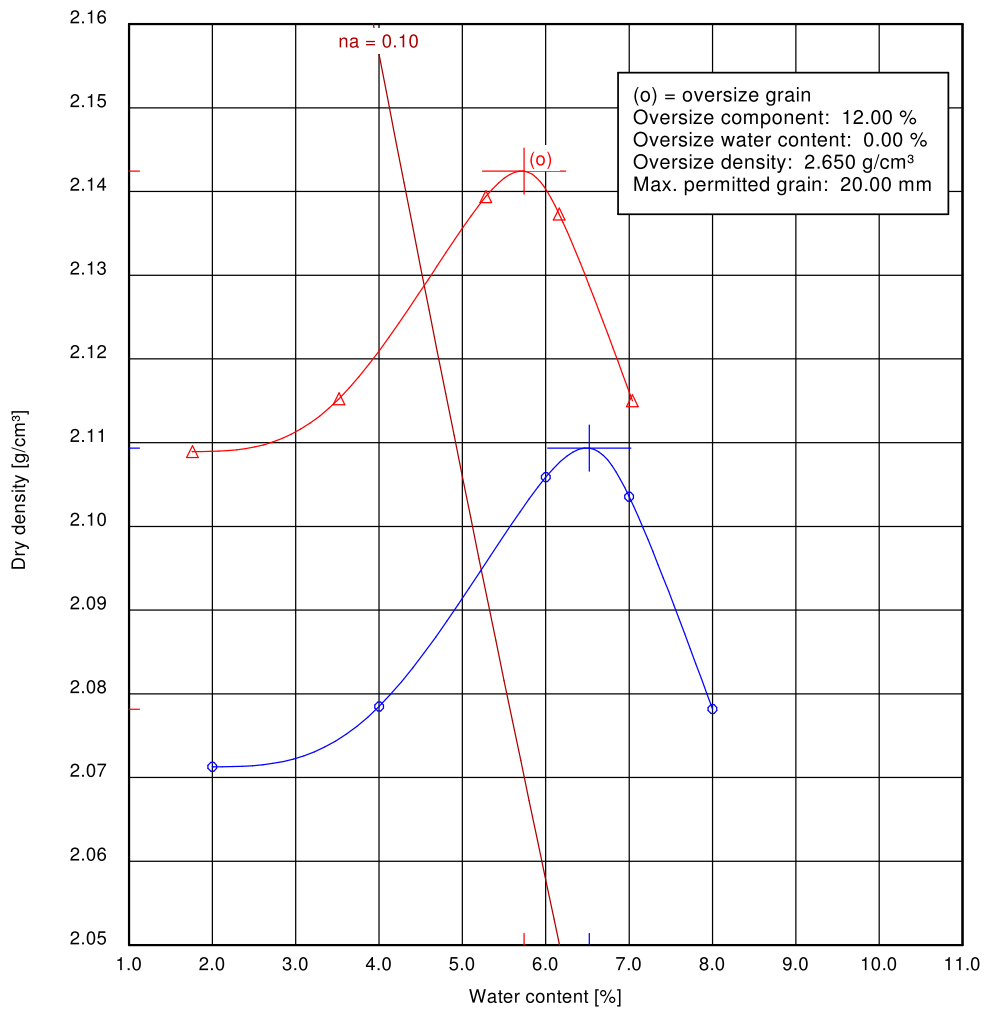
Report: 2018
Annex: 25.2

Proctor curve

Example 1

Edited by: Buß Date: 12.02.2018

Sampling point: Axis A12
Depth: Base grade
Type of sampling: disturbed
Soil type: clay, silty
Date of sampling: 10.02.2018



	100% proctor density ρ_{Pr} = 2.109 g/cm³	Optimum water content w_{Pr} = 6.5 %
(o)	100% proctor density ρ_{Pr} = 2.142 g/cm³	Optimum water content w_{Pr} = 5.7 %
	97.0% of proctor density ρ_d = 2.046 g/cm³	min/max water content w = - / - %
(o)	97.0% of proctor density ρ_d = 2.078 g/cm³	min/max water content w = - / - %
	95.0% of proctor density ρ_d = 2.004 g/cm³	min/max water content w = - / - %
(o)	95.0% of proctor density ρ_d = 2.035 g/cm³	min/max water content w = - / - %