

Electrical & Instrumentation Europe (DACE)



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The Cost Engineering knowledgebase with information on Electrical and Instrumentation for Europe is based on the DACE Labour Norms as they are supplied by the DACE. However, where DACE only supplies the labour norms, Cost Engineering has added price information as well as other details to the knowledgebase. This means that the knowledgebase Electrical and Instrumentation Europe now gives you all the data you need for the execution of any electrical work. From your own power supply to installing your control items, the knowledgebase Electrical and instrumentation Europe holds all the information you need to estimate your projects quickly and accurately.

All facets of electrical and instrumentation work are covered by this knowledgebase. From the cost of an actual unit to the labour hours involved. Or from installation to removal, re-instating and supplying, all projects you are looking for can be covered easily from the information available from this knowledgebase.

“ Data to power your estimates ”

The screenshot displays the 'Cleopatra Enterprise - Cost Engineering Europe' application. The main window shows a hierarchical tree view on the left with categories like 'Civil', 'Electrical', and 'Instrumentation'. The right pane shows a detailed list of items with columns for Unit, Cost, Labour hours, Rental hours, and Labour description. Below this is a summary table with columns for Level ID, Description, Unit, Quantity, Cost, Cost category, Discipline, and Labour.

Level ID	Description	Unit	Quantity	Cost	Cost category	Discipline	Labour
Unit-Rates	Electr., Testing & pre-comm., Cables, Tracing, Meggertest	pc		40,87			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 1-t-m 10 wires, Meggertest	pc		35,66			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 1-t-m 10 wires, Meggertest on reel	pc		35,66			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 11-t-m 24 wires, Meggertest	pc		66,87			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 11-t-m 24 wires, Meggertest on reel	pc		66,87			
Details	DCC50861010121300TH Testing & pre-comm., Cables, L. V., Multicores, 11-t-m 24 wires, Meggertest on reel	pc	1,00	66,87	Install	Instrumentation	
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 25-t-m 40 wires, Meggertest	pc		89,16			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 25-t-m 40 wires, Meggertest on reel	pc		89,16			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 41-t-m 60 wires, Meggertest	pc		111,45			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 41-t-m 60 wires, Meggertest on reel	pc		111,45			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 41-t-m 60 wires, Meggertest on reel	pc		133,74			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 61-t-m 80 wires, Meggertest	pc		133,74			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 61-t-m 80 wires, Meggertest on reel	pc		156,03			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 81-t-m 100 wires, Meggertest	pc		156,03			
Unit-Rates	Instr., Testing & pre-comm., Cables, Low voltage, Multicores, 81-t-m 100 wires, Meggertest on reel	pc		156,03			



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Knowledgebase Specifications

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Electrical:

Activities:

- Installation
- Removal
- Demolition
- Re-instate
- Supply

Components:

- Panels
 - Sub distribution
 - Control
 - Panel equipment
- Units
 - Generator
 - Static supply
 - Battery & Charger
 - Power rectifier
- Cables
 - H.V. & L.V.
 - Trays & Racks
- Motors
 - Control centers
 - L.V. motors
 - Variable speed drives
- Lighting
 - System
 - Fixtures
- Transformers
- Switches & H.V. switchgear
- Socket outlets
- Junction boxes
- Heat tracing system
- Earthing
- Identification material
- Testing & pre-commissioning

Labour rates:

- Electrical Fitter
- E&I Specialist

Instrumentation:

Activities:

- Installation
- Removal
- Demolition
- Re-instate
- Supply

Components:

- Panels
- Control systems
- Logic systems
- Flow instruments
- Level instruments
- Pressure instruments
- Temperature instruments
- Control valves
- Analytical equipment
- Field equipment
- Fire detection
- L. V. cables
- Alarm panels
- Junction boxes
- Testing & pre-commissioning

Labour rates:

- Instrumentation Fitter
- E&I Specialist

