



The standard software for CE marking:

- Risk assessment for plant & machinery
- Organized safety engineering and project management
- Clear and comprehensive standards and directives administration

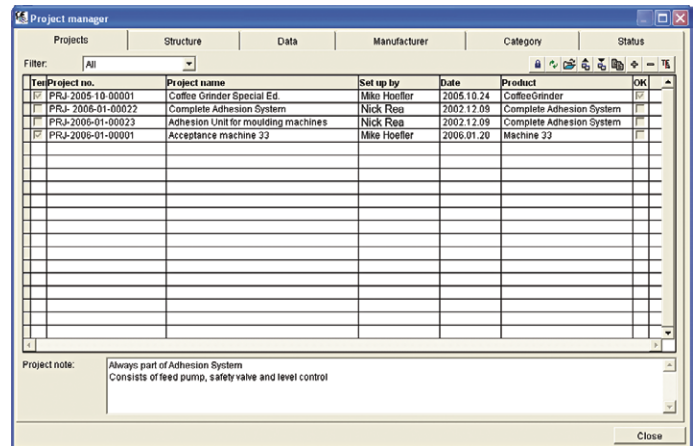
Available language versions



Runs on: Windows 2000/XP/Vista Network-compatible

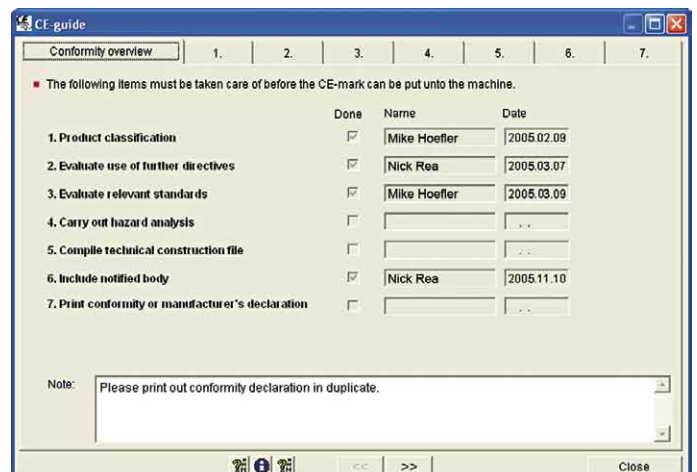
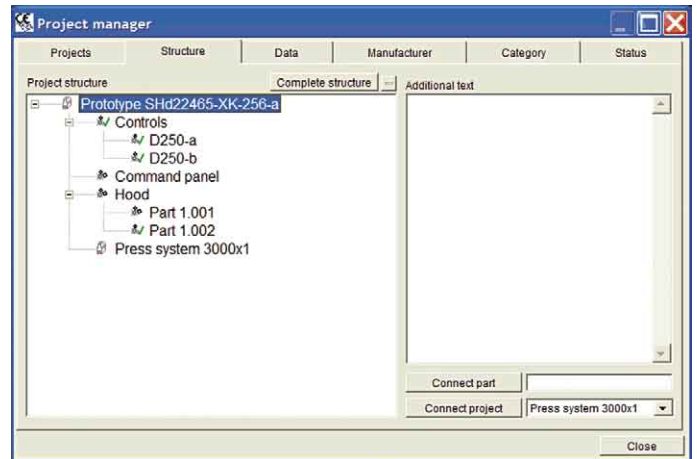
Safexpert – efficient organisation for your project documentation

- CE documentation is centrally administered
- Plant & machinery projects are clearly structured and organised
- Status checks warn about outstanding points
- All project data is saved and archived at the click of a button (e.g. outlines, plans, calculations)
- Manufacturer and machine data is stored for declaration of conformity printout



8 steps to the CE-mark

- Project classification simplified through intelligent help-references to the original full text (PDF) Machinery Directive and relevant standards
- User friendly filter and search functions assist in selecting the correct standards
- User friendly filter and search functions assist in selecting the correct directives
- Systematic risk assessment with integrated status checks on all outstanding points
- Technical Documentation and Instruction handbook checklists
- Inclusion of Notified Body (if required)
- Carrying out an internal check
- Printout of the appropriate EC-declaration (Declaration of conformity or Declaration of incorporation) – predefined templates customisable (to allow inclusion of customer logo etc)

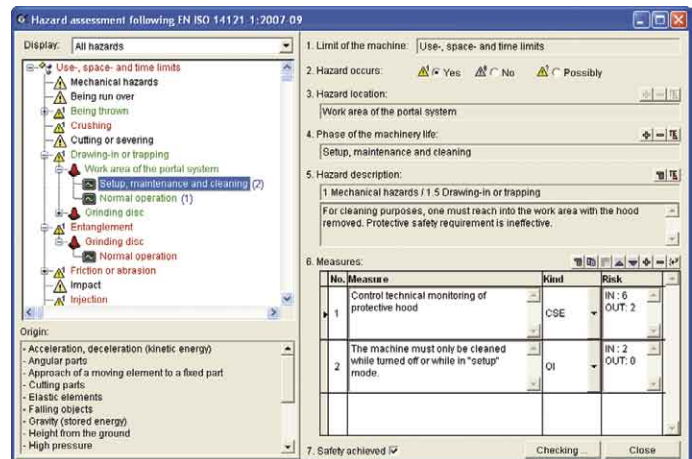


Benefits

- Easier and more efficient familiarization with the CE-subject matter (learning by doing)
- Maximum legal certainty and reduced product liability risk through internal checks
- Cost savings in the engineering process due to early integration of safety measures at the construction stage - and centrally administered documentation help minimize time required to draft safety instructions
- Full network compatibility enables project teams to work together quickly and efficiently

Systematic risk assessment

- Identification of hazards according to the hazards list EN ISO 12100:2010
- Risk and safety appraisals across the lifetime phases of the machine
- Assistance in the correct choice of measures and required documentation (see below)
- Risk assessment according to EN ISO 12100:2010 and choice of safety-related control system parts according to EN ISO 13849-1 (Required Performance Level) and EN 62061 (Required SIL)
- Declare whether the safety measures are achieved or not



Measure selection assistance

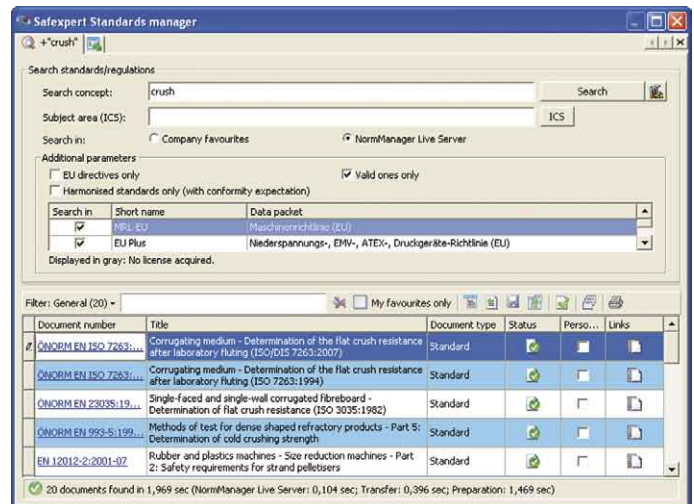
- Safexpert provides detailed cross references to some of the most important standards and directives.
- Up-to-date full text search function in over 65 Harmonised European standards in the category “Safety of machinery” enables the search for appropriate measures (available in English and German).
- Approved measures can be stored in the measures library. This facilitates, harmonizes and speeds up the choice of the appropriate solution in later projects. Safety-engineering know-how remains within the department should an employee leave.

Risk Assessment overview

- Using a display filter – only the hazards evaluated with „Yes“ or „No“, or only the hazards for which „Safety achieved“ have not been marked will be shown.
- Coloured coded hazard assessment tree:
 - Green = Safety achieved,
 - Red: Safety not yet achieved,
 - Black: not yet evaluated,
 - Grey = no hazard
- The risk assessment is displayed in different views. Safexpert displays which hazards occur at which hazard location or which hazards occur within a certain phase of the machine’s life (for example, cleaning, maintenance, transport, ...)

Clear standards administration

- Central standards database with setup- and update assistants
- Search- and filter functions simplify and speed up the search process for required standards
- Customised documentation (enterprise standards, excerpts from the QA-manual, test reports,...) may be included
- User defined standards library enable user to define which standards are of specific importance for him
- Standards updated automatically when annual subscription option is selected



Your individual Safexpert safety solution:

Safexpert packages	Functional range	Details
Basic	Safety project management	All safety documents are centrally managed. The status control gives you an overview of the outstanding points with one mouse click. This provides greater safety and reduces the product liability risk.
	CE-guide	Within 8 steps your project team is guided to the CE-mark. One of the most important steps is the risk assessment and the checklist for technical documentation.
	Risk assessment	This process follows the international standard EN ISO 12100:2010. Cross-references to the Machinery Directive and important standards help your designers complete the risk assessment very quickly. Approved measures can be stored in the measures library. This saves time and money when designing similar projects. It is a helpful feature when defining project templates.
Compact	Basic	All functions of Safexpert Basic.
	Master	Standards- and directives administration system with interactive update service (optional).
	Pictogram library	Variable pictogram library with European pictograms covering a range of hazard and warning signs, You can also import your own pictograms.
	Example of an EU-compliant instruction handbook	About 60 pages in WinWord format, divided into 10 chapters. With the optional 'Instructions-assistant' module, it is possible to insert texts from the risk assessment automatically in the instruction handbook.
Professional	Basic + Compact	All functions of Basic and Compact.
	Standard	Package of 8 very important standards in the comfortable PDF-Format including full-text search: EN ISO 12100, EN ISO 13849-1+AC, EN ISO 13850, EN ISO 13855, EN ISO 13857, EN 349+A1, EN 60204-1+A1, EN 954-1 (free), EN ISO 12100-1+A1 (free), EN ISO 12100-2+A1 (free), EN ISO 14121-1 (free)

Further information:

Safexpert Demo version free – Safexpert and/or CE-training courses

For a complete listing of all available modules and standards, please refer to the complete price list (www.safexpert.eu/downloads)



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