

DayCor® II Database Software

Designed for your needs

- The DayCor® II Database Software was especially tailored to specific needs of corona inspectors on overhead lines and substations
- Developed according to DayCor® II users requirements & specifications
- Enhanced analysis features, including trend analysis

Powerful retrieval and analysis capabilities

Three enhanced cases presentation modes:

- The **general mode** browses through all cases that exist in your database
- **Search mode** and trend analysis shows all cases in the database that fit the defined search criteria
- The **report mode** shows all cases that exist in the database associated with the active report

User friendly interface

- The DayCor® II Database Software can be localized to any language including Chinese
- Easy to use - intuitive interface
- Various media (all video and image formats) can be associated to each case (up to four images and four video clips)
- Additional Office/PDF/HTML documents can be associated to each case as reference material
- On the fly database interface - no need to save your work

Automated report generation

- Create automatically HTML reports, including all data and media selected from your UV inspections database, embedded into a fully comprehensive report
- Automatically generates a linked table-of-content for easy navigation through the report
- Each report is stored in a separate folder, ready for CD burning
- Share your report with other colleagues or customers (The HTML report files are compatible with any computerized environment) no special viewer is needed
- Share the report in the corporate network, in a web-based manner (send a link)
- Multi language report generation

Time saving

- Prevents redundant typing by linking between similar cases
- Any name (line, circuit etc..) previously typed is easily and accurately retrieved upon a mouse click



Search

Line/substation

Circuit

Tower/Lane

Side

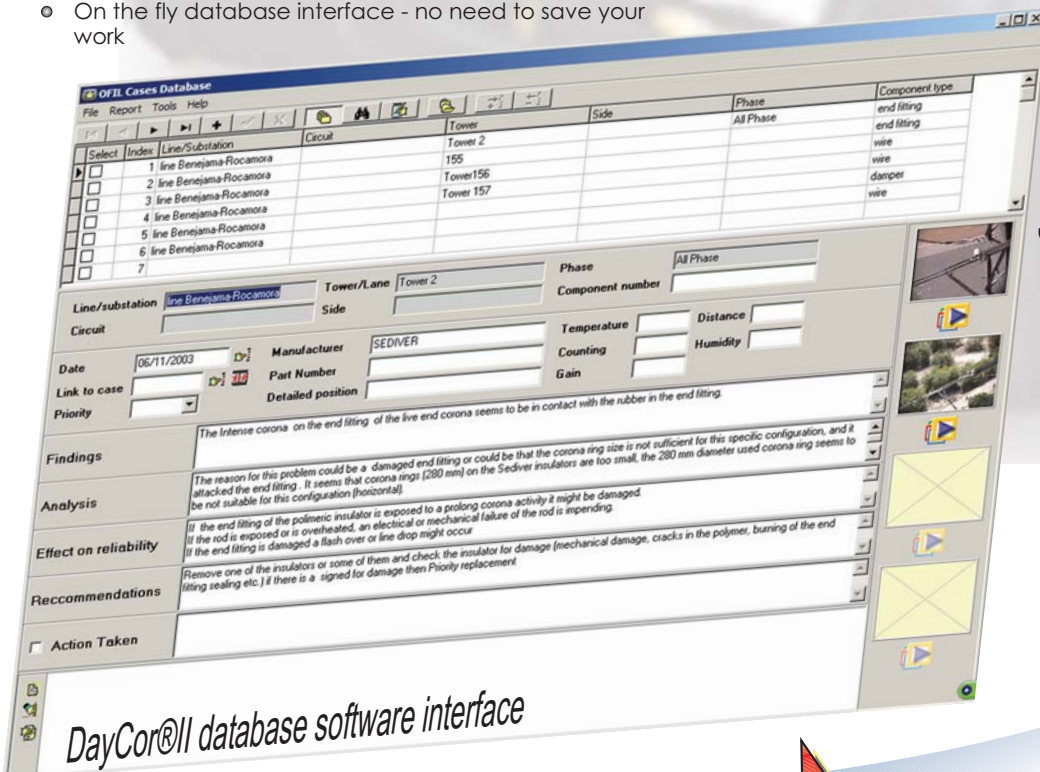
Phase

Component type

Action Taken

Trend analysis

Search & trend analysis window



OFIL Cases Database

Select	Index	Line/Substation	Circuit	Tower	Side	Phase	Component type
<input type="checkbox"/>	1	line Benejama-Rocamora		Tower 2		All Phase	end fitting
<input type="checkbox"/>	2	line Benejama-Rocamora		155			end fitting
<input type="checkbox"/>	3	line Benejama-Rocamora		Tower156			wire
<input type="checkbox"/>	4	line Benejama-Rocamora		Tower 157			dampner
<input type="checkbox"/>	5	line Benejama-Rocamora					wire
<input type="checkbox"/>	6	line Benejama-Rocamora					
<input type="checkbox"/>	7						

Line/substation Tower/Lane Phase

Circuit Side Component number

Date Manufacturer Temperature Distance

Link to case Part Number Counting Humidity

Priority Gain

Detailed position

Findings

Analysis

Effect on reliability

Recommendations

Action Taken

DayCor® II database software interface

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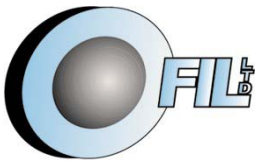


Download Free Trial:

Try a 30 day free demo!

<http://www.daycor.com/software>





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Sample

line Benejama-Rocamora tower 2 all phases (06/11/2003)

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Findings

The Intense corona on the end fitting of the live end seems to be in contact with the rubber in the end fitting.

Analysis

The reason for this problem could be a damaged end -fitting or could be that the corona rings size is not sufficient for this specific configuration, so the corona attacks the end-fitting. It seems that corona rings (280 mm) on the 'Sediver' insulators are too small, the 280 mm diameter used corona ring seems to be not suitable for this configuration (horizontal). Please note that the 'CeramTec' AG insulators are longer and have a larger corona ring (350 mm diameter rather than 280 mm).

Effect on reliability

If the end fitting of the polymeric insulator is exposed to a prolonged corona activity it might be damaged. If the end fitting is damaged a flash over or line drop might occur. If the rod is exposed or is overheated, an electrical or mechanical failure of the rod is impending.

Recommendations

Remove one of the insulators or some of them and check the insulator for damage (mechanical damage, cracks in the polymer, burning of the end fitting sealing etc...). If there is a sign for damage then priority replacement.

Action Taken

None



Watch Video

line Benejama-Rocamora Tower 156 (06/11/2003)

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[Please see similar case](#)

Findings

Contamination on the wire

Analysis

See Tower 157

Effect on reliability

Recommendations

Action Taken

No



Watch Video