

clavisWorkSafety

Electronic
Risk Assessment with
included Work Permits

Full Integration into
the SAP-System!





No Compromise on Safety!

When we are talking about work safety, relying on compromises can not only endanger your employees but it may also bring you trouble from a legal point of view. Every employer is committed by law to investigate work-related hazards, take appropriate measures and test their effectiveness.

The evaluation of risks is often very complex and has to be adjusted consistently. clavisWorkSafety supports you with fulfilling all legal requirements concerning risk assessments. In addition, the tool offers the possibility to automatically create permits. This way, you not only increase the safety of your employees but you also reduce the costs for maintenance measures.

Fully Integrated Risk Assessment

clavisWorkSafety is fully integrated into your existing SAP-System and makes your control-of-work process safer and more efficient. Hazards in recurring tasks and general hazards at workplaces can be determined and displayed in a complete assessment catalog. In addition to every hazard, a logically connected list of appropriate measures is automatically provided to you.





The Electronic Risk Assessment

As an employer, you are responsible for your employees' safety. clavisWorkSafety supports you with evaluating hazards, taking appropriate measures for hazard elimination and with the continuous monitoring. Thus, the complete workflow is displayed in our solution.

- Full integration into your existing SAP-System as SAP or Web Add-On
- Synergy through the usage of SAP data such as IH-Notifications and/or IH-Orders, technical places, equipment
- Visualization of all risks as complete assessment catalog
- The assessment of workplace, work area and activity-related hazards by the company and the person performing the work
- Intuitive usability with traffic light control
- Logical connection between hazards, appropriate measures and affiliated files
- Embedded contractors
- Company-specific settings via the configurator

- Your Advantages:**
- Standardization of recurring processes
 - More safety, fewer accidents and illnesses
 - Increase of efficiency in the workflow



Electronic Permits

With standardizing the process of creating and approving permits you care about your employees' safety. At the same time, you decrease costs for maintenance measures, decrease plant safety and guarantee the compliance with environmental safety measures.

- Automatic addition of data from SAP
- Automatic notification of all details that have to be checked for the specific work at a specific place
- Plausibility and completeness check
- Transfer of permit requirements through contractors in own electronic tools possible
- Embed concerned neighboring companies into the system
- Assigning a single permit to several equal tasks at different locations
- Expand the work period with one mouse click instead of creating a new document

- Your Advantages:**
- More efficiency through fewer manual processes
 - Reduction of plant downtimes
 - Better coordination and more transparency when embedding contractors and neighboring companies



Efficient Permits

The standardized approval and creation of permits additionally improve the work safety. A flexible editable hazard and measurement catalog lists all risks. Specific hazards can be added via a text field. Thanks to the comprehensive functionalities of clavisWorkSafety, the complete workflow for the single approval steps of the permit is displayed.

The screenshot displays the clavisWorkSafety interface. At the top, there is a navigation bar with various icons and a search field. Below this, a calendar for June 2015 is visible on the left, with the 11th highlighted. The main area is divided into two sections: 'elektronische Erlaubnisscheinanforderungen' (electronic permit application requirements) and 'Zustimmung Nachbarbetrieb' (neighborhood operation approval). The 'Zustimmung Nachbarbetrieb' section includes buttons for 'Show Permit', 'Refresh', and 'Stop operation', and a table with columns for 'Status', 'Permit Description', and 'Text NOP'. Below the main content, a date navigation bar shows dates from Monday, 08.06.2015 to Sunday, 14.06.2015, with Thursday, 11.06.2015 selected. At the bottom, there is a table with columns for 'Status', 'Validity', 'Status Ambient Air assay TA', 'LL-Flag', 'Fetched', 'EIL', 'Number of task', 'Valid from', 'Valid', 'Permit Versi.', 'Company', 'Plant', 'ERE-Equipment', 'Description', 'Text for Activity', 'Ord.', 'Process', 'Notification', 'Functional loc.', and 'Eq.'. The table contains three rows of data, all with a green background.

Status	Validity	Status Ambient Air assay TA	LL-Flag	Fetched	EIL	Number of task	Valid from	Valid	Permit Versi.	Company	Plant	ERE-Equipment	Description	Text for Activity	Ord.	Process	Notification	Functional loc.	Eq.
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		283	07:00:00	16.0.	2022	0001	Babcock	GA-1033S	Test simu.	Gerüste: Aufb.	816.			30-10-KSV-GA-1.	100
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clavisWorkSafety – Comfortable and Intuitive

clavisWorkSafety provides an intuitive usability with traffic light control. This way, faulty entries caused by users are reduced. Affiliate documents or files can be attached to the risk assessment. After the successful approval of the risk assessment, the files can be audibly saved as PDF-File.

The screenshot displays the clavisWorkSafety interface for a risk assessment. At the top, the header includes the identifier 'GA-4950 / 10000014', the assessment ID '27335', and the status '1 in creation'. It also shows validity dates: 'Valid to contr' from '16.01.2020' to '15.02.2020' and 'Valid to contr' from '17.07.2019'. The description is 'Test Christian' and the product is 'GAS02'. A row of icons represents various hazards, including TRAT, biological, physical, electrical, global, human, mechanical, acoustic, radiation, chemical, fire, and environmental. Below this is an 'Activity' list with 'BURHR Confined space entry - no positive isolation (see P-702)' highlighted. The right panel shows 'Text for Activity' with 'Risk assessment level' set to 'FSB Level 2 High Risk!' and 'Necessary informations' including 'perhaps Energy separation list (depends on Risk analysis)'. The 'Involved persons (approval)' section lists 'COW master, ...'.



clavisWorkSafety – Integrated and Expandable

clavisWorkSafety is expandable with the following modules:

- clavisWorkSafety Add-ons
 - Mobile applications
 - Room air samples / Labour analyses
 - Blinds tracking
- Energy-Isolation, Work Clearance Management
- Approval Neighboring Companies
- Geoinformation Systems / GIS
- Hazardous Substance Management Systems
- Flexible and Individual Reporting
- Web-Solution with dynamic PDF-Creation
- Resources-Choice

clavisWorkSafety is fully includable into your existing SAP-System.

The screenshot displays the clavisWorkSafety web interface. The top navigation bar includes a search icon, a user profile icon labeled 'Betrieb5', and links for 'Settings' and 'Logout'. Below the navigation bar, there are four main panels:

- Work permits:** A table with columns 'S', 'RA no', and 'Description'. It lists three entries: '114067 Demo Test', '114061 Gerüst stellen' (with a warning icon), and '114060 Ölwechsel'.
- Templates:** A table with columns 'RA number' and 'Description'. It shows one entry: '114062 Ölwechsel'.
- Neighbour unit requests:** A table with columns 'S', 'Organisation', and 'RA number'. It displays the message 'No data available in table'.
- Approvals:** A table with columns 'S', 'RA number', and 'As Role'. It shows one entry: '114061 C,E,O' (with a warning icon).

Additional controls at the top right of the dashboard include buttons for 'Daily works', 'Refresh', 'Columns', and 'Filter'.



clavisWorkSafety – Room air samples / Labour analyses

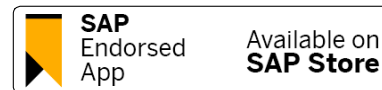
request	<input type="text"/>	
Func. Loc.	0510-VISB-08-05-GA001-GA-1999999999999999	Struct.Nr. <input type="text"/>
sampling date	12.02.2021 to <input type="text"/>	sampling time 04:00:00
orderer	PBUSCH	Department <input type="text"/>
Telephone	<input type="text"/>	
validity	24 mark <input type="text"/> N no <input type="text"/>	
sample type	1 breathable air <input type="text"/>	
sampling strategy	<input type="text"/>	
Measuring Points		
<input type="checkbox"/>	Measuring point	assay location
<input type="checkbox"/>	10082	Test 1
Measurement Types		
<input type="checkbox"/>	description	Text
<input type="checkbox"/>	Nitrose gases	
<input type="checkbox"/>	Ammonium	
<input type="checkbox"/>	Cyanide	
<input type="checkbox"/>	Sulfur hydrogen	
<input type="checkbox"/>	Carbon dioxide	
<input type="checkbox"/>	Carbon monoxide	
<input type="checkbox"/>	Chlorine	
<input type="checkbox"/>	Methanol	
<input type="checkbox"/>	Cumol	
<input type="checkbox"/>	Benzol	
<input type="checkbox"/>	n-Hexane	
<input type="checkbox"/>	Cyclohexane	
<input type="checkbox"/>	Petrol	
<input type="checkbox"/>	Inflammable Gas	

Did we arouse your interest?

Please feel free to arrange your presentation date with us free of charge and without any obligations.

For further information visit:

<https://bit.ly/3xjtugr>



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