



**BAB Engineering und
Anlagenkennzeichnung**

Everything about signage and markings



Information on the sources for photos, images, graphics and image processing:
Nilesh Gracias, Deutz Produktionsstudios GmbH (www.deutz-werbung.de), Shutterstock ©2021 BAB
Engineering und Anlagenkennzeichnung GmbH All rights reserved

Status 2021

Innovative signage solutions for the market of the future



With this effort, we have been successfully enabling simple, clear and, above all, safe system identification for years

"Made in Germany" - Since quality begins in the detail!

Plant integrity

As a modern and innovative company, BAB Engineering und Anlagenkennzeichnung offers a comprehensive and high-quality range of services and products.

From standardized safety signs to individual ones
Custom-made products - we improve plant integrity.

contents

Our product world	5
Nameplates / Engraving.....	7
Digital printing _____	8th
Slide -in labels.....	9
Label holder _____	10
Information, safety and health signs -----Fire	11
protection / first aid signs----- Pipeline	15
markings:	
Tapes and Markers	17
Spray Stop Bands.....Floor	19
Markings.....Cable	20
markers, flags and	
Pre-inscription labels _____	21
Foins _____	22
The BAB Engineering	23
Environmentally conscious quality	24
Services	25
Engineering ----- Safety first !	25
Escape and rescue plans ----- Professional	26
through experience: the installation -----	27
BAB Engineering worldwide!	28



Our product world

For clear and safe marking

We stand for clear and safe labelling in the workplace.

This is the only way to avoid accidents, which means that liability and failures can be ruled out. The safety and health of employees can also be preserved in this way.

Our signage and labelling informs the viewer **simple, fast and safe**, to ensure a smooth process.



Ask for sample or
request a quote for such
products through our catalog
offer.

Individual solutions

Whether special sizes or special colours, we manufacture our products according to your individual wishes.

For special applications or product-specific details, we would be happy to assist you personally with our experienced and competent team. Together we will work out an individual, economical and high-quality solution for you and your system.

We manufacture our signs according to your ideas!

Individually, quickly and inexpensively

Whether aluminium, stainless steel or plastic, we offer high-quality customized labeling solutions!



Type signs /

Engraving

We engrave and laser our signs using the latest technologies. Different materials and formats can be used for processing. Depending on the chemical and physical stress, each material has its own advantages.

Whether various plastics, (anodised) aluminum or stainless steel (including material no. 1.4404 or 1.4571), our engraved plates are of the highest quality. They have a high temperature resistance, are UV-stabilized and largely resistant to solvents and weathering.

Anodized aluminum
Anodized Al Mg 3

stainless steel
V2A and V4A

specific
plastics

UV stabilized
largely resistant to solvents and weather

UV stabilized
largely resistant to solvents and weather

bendable
resistant up to max. 90°C
UV-stabilized or UV-resistant (depending on the plastic)
largely resistant to solvents and weathering



Digital printing

Thanks to the latest technology, we are able to produce our signs using digital printing processes. All materials such as aluminium, stainless steel and plastic can be taken into account.

The digital printing process enables us to print colored images, such as your company logo or signal sign, and in addition to the highest quality, it also offers a cost-effective alternative to engraved signs.

Our recommendation:

Opt for our slide-in signs, which are produced using the digital printing process. Because they combine the highest quality with low manufacturing and assembly costs.



Slide-in signs

Our slide-in labels are among the simplest labeling systems. Entire text inserts are made from printed aluminum or plastic. These can be pushed into our profile strips on site and installed at the point to be marked.

Two major advantages of a plug-in sign are the use of colored outer elements to identify the flow substance or GHS symbols according to the hazardous substance and the option of being able to make changes on site during assembly.

Our 2in1 solution

Inscription label holder and profile strip as if made from one piece!



Sign bearer

Depending on their area of application, our signage variants can be attached to signage holders made of aluminium, stainless steel or plastic.

We have developed a sign carrier made of a special polyamide and glass fiber mixture that combines two important signage components:

Label holder + profile strip

This saves considerable costs when it comes to signage for your system.

Depending on the chemical and physical demands on the signs, each material has its own advantages.



Information, security and health signs

Our safety and health signs warn the viewer of potential danger. They not only point out certain behaviour to him, but also teach him to refrain from certain actions. In this way, they help to avoid accidents and major risks. Mark hazardous areas with the appropriate safety notices.

We reproduce our safety and health signs in accordance with current regulations **ASR A1.3 ISO 7010** and also according to your individual wishes, as shown for example in the pictures above.

Below you will find an excerpt from ASR A1.3 ISO 7010.

Mandatory sign

 M001 general mandatory signs	 M002 Instructions for use note	 M003 use hearing protection	 M004 use eye protection	 M005 Ground before use
 M006 Before opening pull out the mains plug	 M007 Largely opaque use eye protection	 M008 use foot protection	 M009 use hand protection	 M010 use protective clothing
 M011 wash your hands	 M012 use handrail	 M013 use face shield	 M014 use headgear	 M015 use safety vest
 M016 use mask	 M017 use respiratory protection	 M018 Use safety harness	 M019 use a welding mask	 M020 restraint system to use
 M021 Unlock before work	 M022 hand protection to use	 M023 use transition	 M024 use pedestrian walkway	 M025 Small children due to largely opaque eye protect shielding
 M026 use protective apron	 additional text as desired			

You need special characters or an additional individual text that does not correspond to the ISO standard, no problem! We are happy to help.

The Globally Harmonized System



GHS 01
Explosive



GHS 02
Highly / Highly flammable



GHS 03
oxidizing



GHS 04
compressed gases



GHS 05
Corrosive



GHS 06
Toxic / Very Toxic



GHS 07
hazardous to health



GHS 08
Harmful



GHS 09
Dangerous for the environment

Prohibition sign



P001
general mandatory signs



P002
No Smoking



P003
No open flame



P004
Forbidden for pedestrians



P005
No drinking water



P006
For industrial trucks
forbidden



P007
No access for people
with pacemakers



P008
carry metal parts
or clocks prohibited



P010
Do not touch



P011
Extinguish with water
forbidden



P012
No heavy burden



P013
Cell phones prohibited
turned on



P014
No access for people with
metal implants



P015
Reaching forbidden



P017
Pushing prohibited



P018
Sitting prohibited



P019
Climbing prohibited



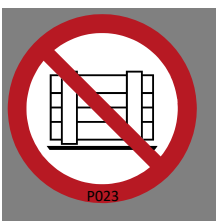
P020
Elevator not in case of fire
to use



P021
carrying dogs
forbidden



P022
to eat and drink
forbidden



P023
parking or storage
forbidden



P024
entering the area
forbidden



P025
Using the incomplete
scaffolding prohibited



P026
Prohibited using this device in the bath,
shower or over water-filled
to use pools



P027
passenger transport
forbidden

Prohibition sign



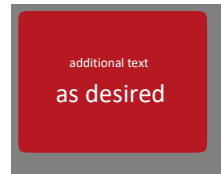
P028
use of
Gloves forbidden



P029
No photography allowed



P030
knots of ropes
forbidden



Warning sign



W001
general warning signs



W002
warning of explosion
dangerous substances



W003
Warning of radioactive
fabrics



W004
Laser beam warning



W005
warning of not
ionized radiation



W006
Warning
magnetic field



W007
Warning
obstacles on the ground



W008
Warning
danger of falling



W009
Warning
biohazard



W010
Warning of low
temperature / cold



W011
Warning
Danger of slipping



W012
Warning
electrical voltage



W013
Warning
guard dogs



W014
Warning
industrial trucks



W015
Warning
floating load



W016
Warning toxic
material



W017
warning of hot
surface



W018
Warning
automatic start



W019
Warning
risk of crushing



W020
Warning of obstacles
in the head area



W021
Warning
flammable substances



W022
Warning
pointed object



W023
Warning
corrosive substances



W024
Warning
hand injuries



W025
Warning
opposing roles



W026
Warning of dangers from the
charging batteries



W027
Warning
optical radiation



W028
Warning
flammable substances



W029
Warning
gas cylinders





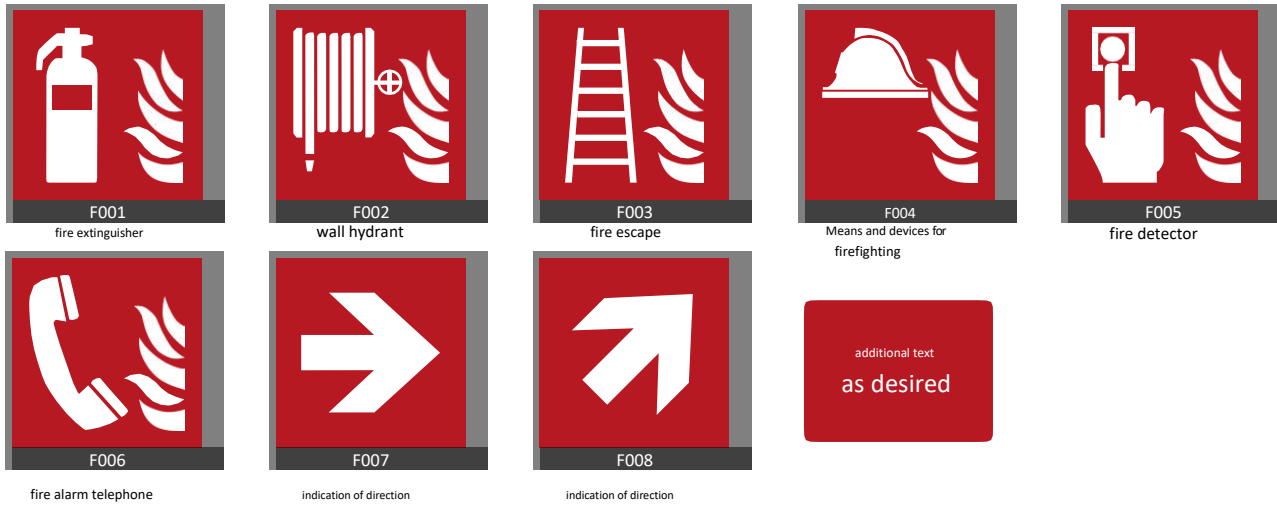
First Aid and fire safety sign

Escape route signs are intended to draw the viewer's attention to the existing escape and rescue routes, emergency exits and certain facilities or devices that serve as immediate fire protection measures.

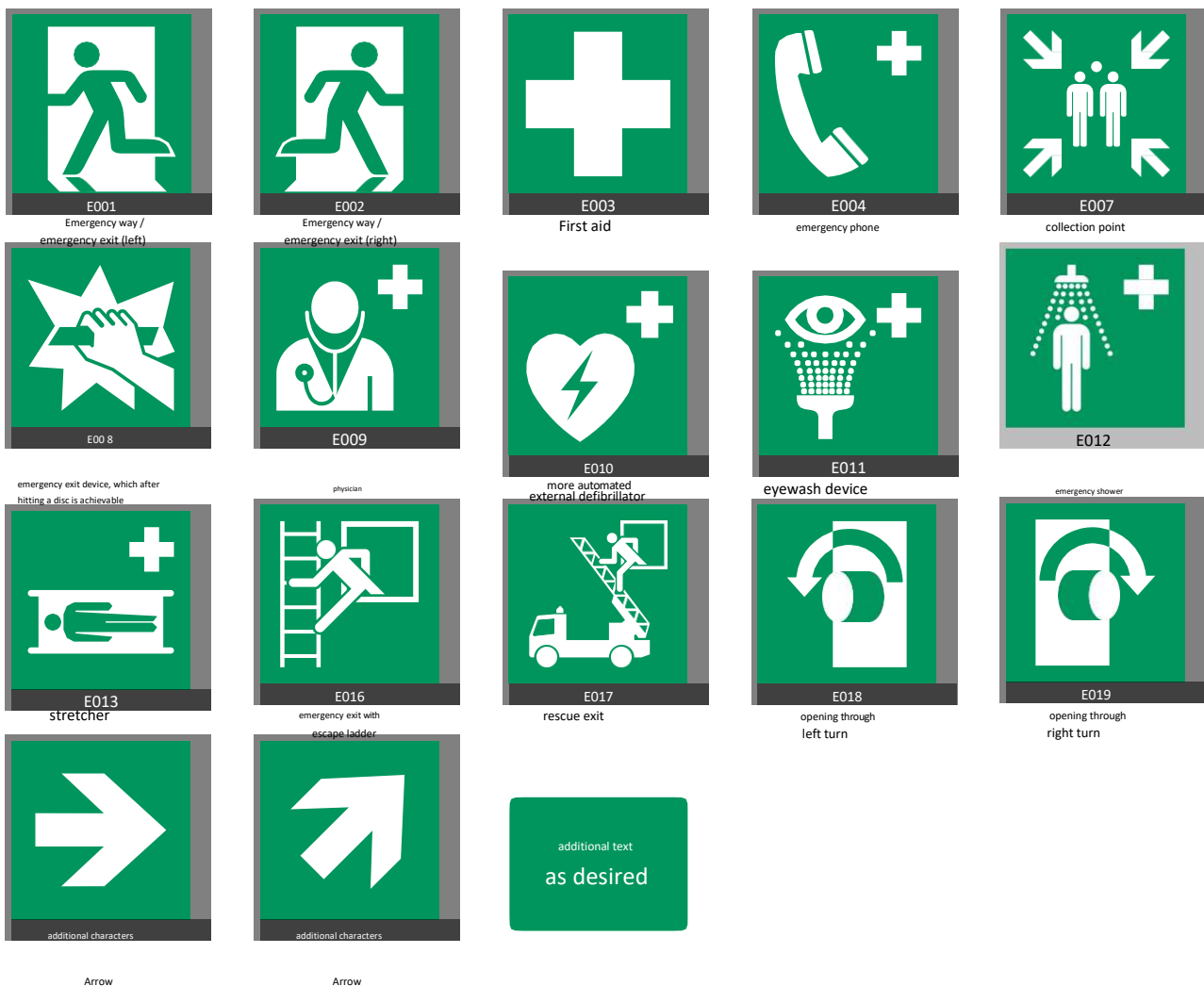
Our first aid and fire protection signs are, according to the current regulations **ASR A1.3 ISO 7010**, produced in luminescent or non-luminescent.

If you need additional individual text or characters that do not correspond to the ISO standard, no problem! We are happy to help.

Fire safety sign



First aid sign



We not only offer you the installation of our first aid and fire protection signs, we are also happy to create, maintain or expand the escape and rescue plans of your system **ISO 23601**. [More information on page 26.](#)

Pipeline markings

Our pipeline markings are made of flame-retardant, high-quality PVC and have high and long-lasting adhesive strength.

If you have to do without chlorinated materials, such as in nuclear plants or stainless steel piping, a polyester base material is also available in addition to PVC.



banderoles

The marking of pipelines is an extremely important technical aspect. In the interest of safety and for effective firefighting, it is indispensable, since gases or chemical liquids can flow through the pipes.

Our banderoles are self-adhesive and meet the highest standards. We manufacture them according to given standards (DIN 2403, BS1710, NEN3050, NFX08-105, UNI 5634-65P) and the medium.

Our materials are UV-stable and have a temperature resistance of -40°C to + 150°C and are largely resistant to fuels, oils and diluted acids and alkalis.

In addition to the direction of flow and the corresponding color coding, our bands and markers can also be provided with additional information in the form of text, images and GHS symbols.

Thus, the viewer is clearly informed of possible dangers and he learns important information about the flow substance in order to avoid damage to health and accidents.



marker

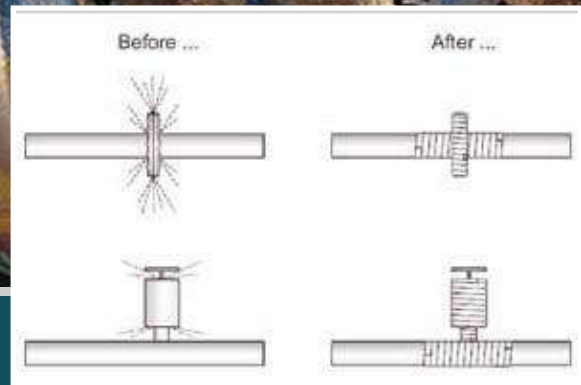
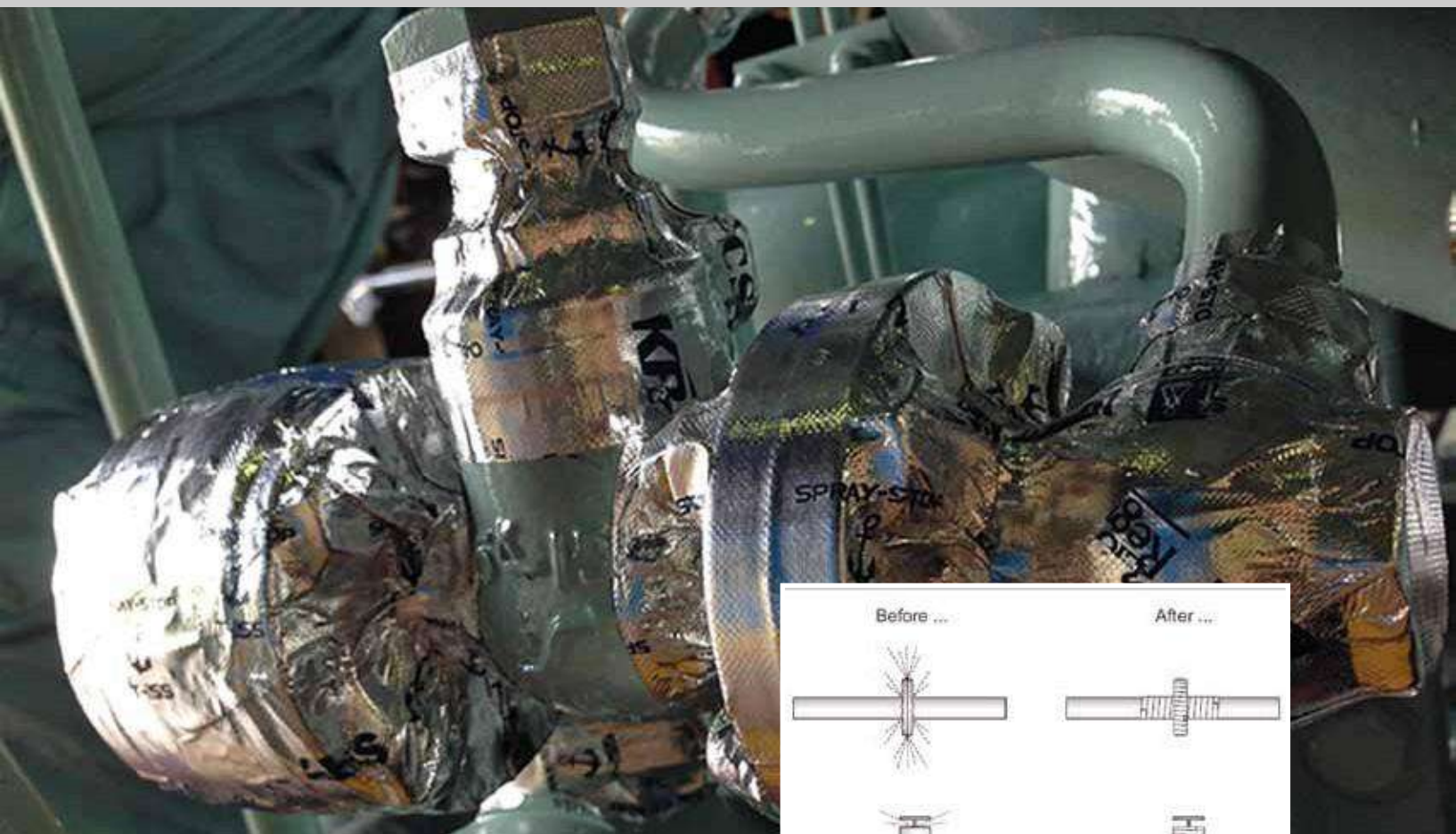
Our pipeline markers are individual labels and are used to identify your pipelines quickly and easily. They are self-adhesive and their arrowheads are perforated for easy handling. They are particularly suitable for pipelines with a small marking area.

Spray stop anti-splash tapes

We are the sales partner for Germany when it comes to Spray Stop spray protection tapes.

The Spray Stop spray protection tape is used, among other things, for applications in the marine and offshore industry. This laminated multi-layer **High-tech aluminum strap** was developed by safety specialists to prevent hazardous chemicals and liquids such as oil, fuel or acids from spraying out of pipe and hose systems.

Liquid spills can cause extremely dangerous situations such as fire or explosion. Such dangerous situations can be prevented with the Spray Stop spray protection tape.



The Spray Stop Splash Guard Tape features the following **certificates**:
Bureau Veritas, DNV, Class NK, KR, Lloyd's Register, RINA, ABS and CCS

material	laminated multi-layer high-tech aluminium
max pressure	15 bars
temperature resistance	up to +160°C / briefly also up to +200°C 1000
adhesive strength	grams, 25mm g/f

Floor markings

We offer clear and high-quality marking of important work areas for every requirement. Our printable floor markings are used for easier orientation and thus ensure more safety in your company.



- Diverse design options
- Various materials and sizes
- Customizable color system
- Wear-resistant digital print
- Customizable with your logo

Tags, wire markers and pre-marking labels



cable markings and pre-inscription labels

Precise labeling and labeling of the fittings, cables, components and circuits of your system ensures maintenance safety and avoids handling errors. This avoids mix-ups and reduces the risk of accidents.

Document foils, magnetic foils, foils made of PVC, polyester or other materials



Slides

Our films are made of high quality materials to guarantee a long service life.

They can be attached to any sub-material, such as plastic, aluminum or directly to smooth and even container walls. This enables us to offer you lettering, images and logos of any size for your labelling.

The BAB Engineering und Anlagenkennzeichnung GmbH

For special applications or product-specific details, our experienced team will be happy to assist you. Ask for samples or request a quote for products that go beyond what we offer in the catalogue.

We would also be happy to advise you personally in order to find an individual, inexpensive and high-quality solution for you.

We maximize quality, ease of use and all those features that guarantee a smooth process - just what you expect!

**Expertise is in the details – for 25 years.
Challenge us!**



Our identification and signage solutions are based on many years of experience in the field of plant identification. They make us one of the world's leading suppliers in this industry and your competent partner.

We look after demanding customers from national and international sectors, such as nuclear power, the chemical and petrochemical industry as well as the pharmaceutical, automotive, food and paper industries. Plant and pipeline builders or boiler and turbine manufacturers also trust us and our high quality.



Environmentally conscious with the highest quality

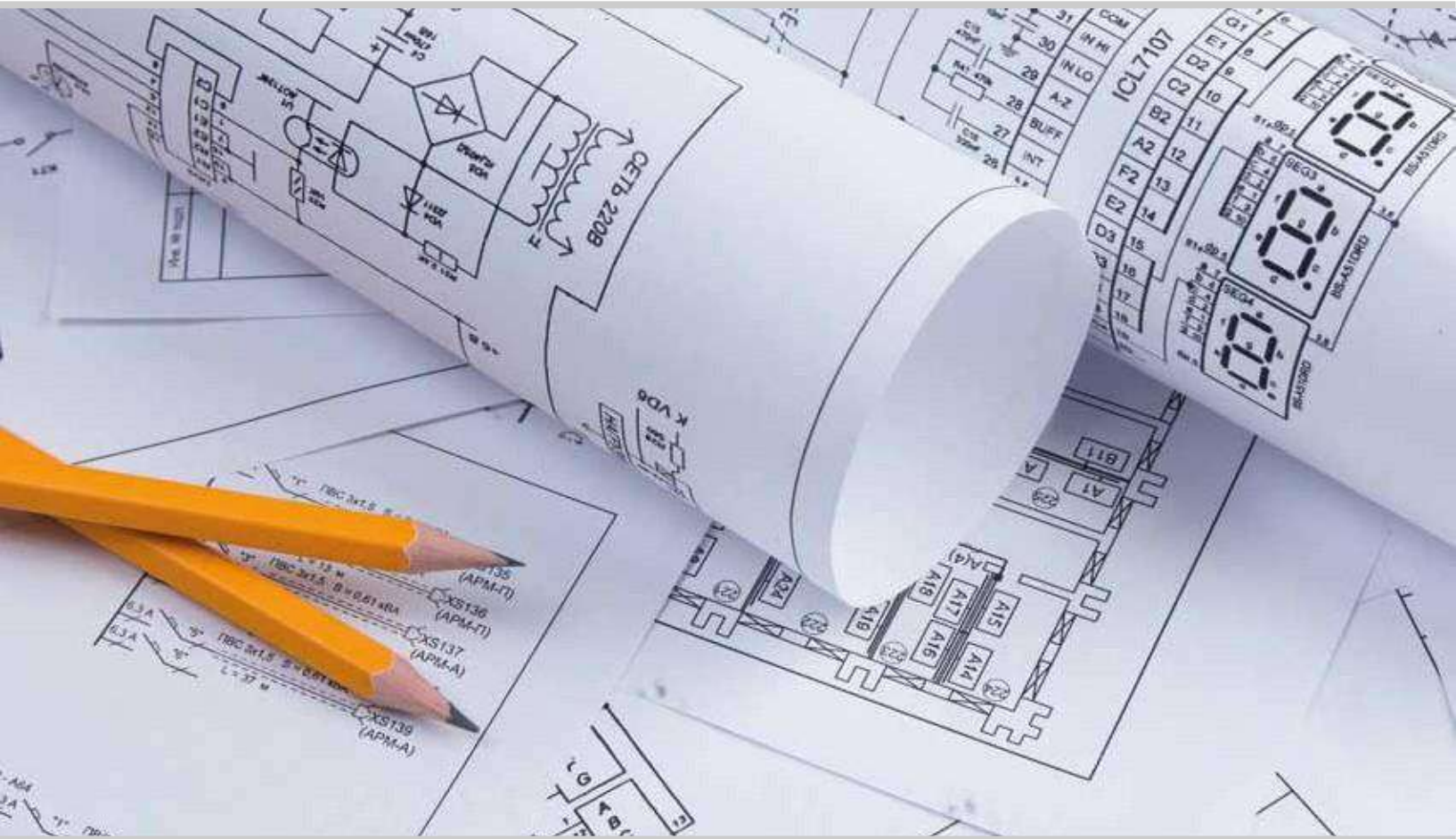
Quality = BAB Engineering! We constantly pay attention to the use of the most modern materials and manufacturing techniques. In addition, we work with many regional suppliers to keep the distribution channels short. With that we grant one **simple, safe, fast, high quality as well as environmentally friendly** Production and assembly for optimal labeling of your system.

Then **our goal** is to exceed the expectations of demanding customers with our services and products in an environmentally friendly manner. That is why we are constantly striving to perfect the user-friendliness of our services and products.

Service

In addition to engineering, our service also includes complete system identification with all associated components. Whether it's slide-in signs, pipeline markings, escape route markings or vehicle lettering, our range of services will convince you too.

We are also happy to be your contact for a signage specification tailored to your needs.



Engineering

Our specialists personally determine the actual/target condition of the system by recording it on site. We create or revise your sign lists with assignment of the sign texts according to function and the procedural installation location, your R&I flow charts with CAD systems and transfer the "as-built" documentation to the operating manual.

We assign the naming of the individual components according to specified coding systems such as KKS, AKZ or AKS. However, we also offer the creation of a coding system tailored to the customer or a revision of sign lists directly from flow charts with assignment of the sign texts in different languages.

Safety first!

Escape and rescue plans must always be kept up to date. The operator of the structure should have these plans checked by a competent person at least every two years.



Escape & rescue plans

Safety first is also our motto!

That is why BAB Engineering und Anlagekennzeichnung is also happy to create escape and rescue plans for your system and building. This not only gives the emergency services object and behavior information before and during an operation, but also the people fleeing in an emergency.

Our, after **ISO 23601**, knowledgeable staff will also be happy to help you keep your escape and rescue plans up to date, maintain or expand them.

We are happy to help.

Professional through experience

Production + assembly from a single source!

Your advantage of installation by our technicians is that, in addition to a professionally installed system labelling, a current comparison of your actual/target status can also be guaranteed, if desired. Marking and documentation are possible in one operation.



Assembly

Our highly qualified assembly staff is constantly trained and has many years of experience in national and international system identification. This allows our fitters to work independently on site using flow charts.

We have already provided clear and secure labeling in many countries and thus generated many satisfied customers.

We only use high-quality materials and tools, which our fitters carry with them in the customer service vehicle to ensure that everything runs smoothly.

BAB Engineering worldwide!

We are active worldwide:

For example in Belgium, Brazil, Denmark, Dominican Republic, Dubai, England, France, Finland, Italy, Libya, Netherlands, New Zealand, Norway, Austria, Poland, Portugal, Russia, Scotland, Sweden, Switzerland, Czech Republic, USA, Belarus and in many other countries



Our production is **"Made in Germany"**, but we are active worldwide! In addition to our headquarters in Bocholt - in the beautiful Münsterland - we have other branches in Italy and Brazil.

We go one step further - beyond all borders!

Italy

Calvi Rappresentanze
Via Luigi Cherubini 1 I-20090
Buccinasco Milano Tel: +39 02
89 15 57 11
www.calvirappresentanze.it

Brazil

Strike Engenharia & Identificaç Ltda
Rua Vereador Jansen Müller 455 CEP
20785 240 Cachambi
Tel: +55 21 22 23 08 05 Email:
strike@veloxmail.com.br

Your contact person:

Blank area for contact information.



Easy. Clear. Secure.

BAB Engineering und anlagenkennzeichnung GmbH

Brinkstegge 7
46395 Bocholt

Tel: +49 (0) 2871 - 21 79 5 - 0
Fax: +49 (0) 2871 - 21 79 5 - 20
Email: info@bab-eng.com
www.bab-eng.com



SCAN ME