# Instruction for health, safety, environment and fire prevention Location Kirchlengern-Bünde









#### Standard instruction- external companies

HR 00115.10.EN



# Coordination of external companies



# Reasons for accidents with external companies:

- Changing working conditions
- Unknown environment
- Unknown operational hazards
- Changing organisational structure
- Communication problems
- Inadequate work preparation

#### **Avoidance of mutual hazards**

#### Requirements:

- Planning of safe work procedures
- Information about the hazards and prevention measures
- Motivation to behave safely



# **Main Regulations**



#### German occupational health & safety act (ArbSchG)

"if the employees of several employers are working at the same place, then it is the duty of the employer to... jointly ....work and agree upon measures for safeguarding these risks."

#### **DGUV** Regulation 1

"If employees of several companies or independent workers are working in the same place, the employers have to jointly work for the safety and health of the employed."

A person has to be appointed if necessary to avoid mutual hazards. The assigned person has to coordinate the work; To counter specific threats he is to be equipped with appropriate authority."

#### **DGUV Information 211-006**

"Safety and health protection through coordination " – functional explanation



# **Access Security**



# **Entry Rules**







- The site shall be entered upon initial use only via the reception A1. Here you get an **access authorisation**.
- The entry rights are in the form of an entry card, distinguished as visitor or service partner.
- The entry card is a personal document. It has to be worn in a visible manner. It is strictly forbidden to enable someone else an entry by your card.
- Care is to be taken, that **no** stranger or unauthorised person steps in the work area.
- The end of the work is communicated to the Hettich staff and the inspection has to be done.
- After work is over every day the entry card is to be submitted back in the reception.

# Secrecy





#### **Secrecy**

- Obligation to maintain confidentiality about all information from and about Hettich.
- Confidentiality agreement between my employer and the company has been made.

#### **Ban on Photography**

- On the whole site it is forbidden to take photos.
- If necessary, obtain approval by the Contractor previously.
- The permit to make photos must be taken with you when photographing.



# **General Information**



# **Driveways and entrances**









All entry doors are equipped with access controls, that can be unlocked with the service partner entry card. The cards get unlocked only for the necessary work areas. This will be arranged by the employer!



- The entrances **secured with barriers** are equipped with **intercoms**. These can be used after doing a registration at the reception and after getting a Service-Partner-Card.
- In front of driveways, emergency exits, barrier systems and on areas which are marked accordingly the parking prohibition must be observed.



# Traffic rules on site





- Entry only after making a **prior** registration in the reception
- The StVO is applicable
- The speed limit which is signposted must be observed
- The parking prohibition in front of entrances, exits and escape routes must be observed
- Cargo securing must always be ensured
- Parking is only allowed on the marked parking spots









In case of gross violation of rules, the entry permission can be revoked.



# Door, gateways, footpaths



## Warning, risk of accident!

- Pedestrians generally use the doors
- Gateways are exclusively reserved for industrial trucks and transport vehicles









In hall areas and on premises the marked footpaths are to be used



# **Driveways for industrial trucks**



 The one way street rules for fork lift drivers must be observed in the respective hall areas





Poorly visible crossroads are equipped with panoramic mirrors

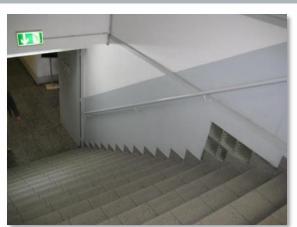


# **Escape- and rescue routes**









- In case of **fire and evacuation incidents** the building has to be evacuated on the shortest way and it must be gathered at the assembly area
- Escape route maps are hanged in every building in the entrance area. On this map the respective assembly area is specified
- At the assembly area missing people must be identified and reported to fire fighters
- Fire doors and gates must not be blocked or prevented from closing automatically
- Ask Hettich employees to show the location of firstaid boxes and any other emergency devices before starting work

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# **Guard and security service**







Guard duty on location: 07:00 am up to 19:00 pm Tel. 05223 / 77 - 1209 19:00 pm up to 07:00 am Tel. 05223 / 77 - 6000

- The guard and security service is responsible for the security of the buildings and the access control
- It controls the observance of the entry rights
- It controls the observance of the parking rules
- It has the right to issue directives if applicable rules are violated



The directives of the security service personnel is compulsorily to be followed!



# Personal protective equipment



- Every contractor has to provide the required personal protective equipment to its employees
- Wearing of safety shoes is principally mandatory during the stay in the production!
- In noise areas ear protection must be used
- In danger zones (in construction areas) wear a helmet
- Depending on emerging hazards other personal protective equipment must be used
- People who do not comply, can be expelled from the work area after warnings



#### **Noise**



- In many areas of the location, there is a obligation on wearing personal noise protection. <u>Pay attention to the sign!</u>
   The sound level here is above 80 – 85 dB(A)
- Personal protective equipment are available in the form of ear plugs
- The dispenser for ear protection are placed in the prominent places of the hall mainly in the areas of the entrances
- Ear plugs have to be inserted deeply enough in the ear canal to achieve a sufficient insulating effect!



Use ear protection! It's about your health! Hearing damages are incurable!

#### **Prohibitions**



Fundamentally the prohibitions that are applicable to our own employees apply also to the external companies:

- Alcohol-/Drug prohibition
- Prohibition on smoking in the entire working area (Exception: marked smoking zones)
- Entry prohibited for areas that are not related to the work of the external companies
- Prohibition on filming- and photography
- Security, fire alarm and rescue equipment as well as escape and rescue ways must not be blocked
- Prohibition on security contradictory behaviour (violation of accident prevention regulations, no usage of PPE)



Violations of the prohibitions can lead to expulsion from premises.



# Hazardous substances



The following substances are prohibited at Hettich:

- toxic
- mutagenic
- teratogen
- carcinogenic (CMR-substances)
- If the use of such substances is necessary because of technical reasons, the substances must be announced at Hettich in written form, the safety data sheets must be submitted
- After an assessment Hettich grant a permission as the circumstances require



Hazardous substances should be used as few as possible.



# Waste disposal



- The external company as a waste polluter has in principle the responsibility to dispose all waste and residual materials
- The fulfilment of this duty has to be proved on request (transport permit, declaration of acceptance, proof of disposal)
- If required coordination with the waste manager is to be undertaken (Tel. 05223 / 77-1524)
- The usage of collection containers can be arranged
- Strict garbage separation and compliance with the site related guidelines has to be ensured











Who do not dispose their waste properly, is liable to pay the costs for the substitute action carried out by Hettich



#### **Environmental hazards**



- Water hazardous substances must not be discharched either into groundwater, land or draining network at site
- For any questions concerning the disposal of hazardous substances the site specific standards must be observed (Environmental coordinator, Tel. 05223 / 77-1524)
- Environmental-emergency-sets
   containing drain covers and oilbinding
   agents can be found at depositories for
   hazardous substances (loading roads)
   and must be used if required. In case of
   doubt call Hettich employee for help
- An exposition of hazardous substances or oils must be reported via the internal emergency number 1000



# Machines, tools, equipments



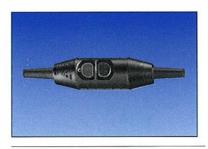
- Use only work appliances for which
  - You have an assignment
  - You received instructions
- Do not misuse work appliances!
- Keep safety devices and emergency stops functional
- Use only safe and flawless work appliances
- Exchange or repair defective work appliances
- It is only allowed to use electrical devices that are checked and confirmed according to "DGUV Vorschrift 3".



Use only safe and appropriate work appliances- It's for your own good.



#### Mobile circuit breaker devices







- Electrical hand tools and machines should only be used with a circuit breaker (PRCD-S).
- The PRCD-S detects all possible malfunctions in the fixed installation and avoids an activation in case of an error.
- The intact protective earthing conductor functions are checked before activation and monitored during operations. Therefore a protection level increment against dangerous body currents is possible
- A low voltage circuit breaker avoids an independent resetting after voltage recovery



Mobile circuit breaker devices have to be provided by the contractor. There will be no rental by the employer.



# Ascertained defects



#### If you determine

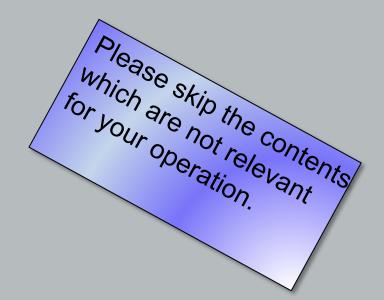
- Occupational safety deficiencies,
- Environmental hazards, or
- Waste of energy

inform your responsible Hettich employee, immediately!



If you notice potential for improvements concerning our processes an procedures please feel free to talk to us.





Workplace instructions



#### **Risk assessment**

Bau- und montagestellenbezoge Gefährdungsbeurteilung durch e		© HPH 2015	Hettich
Gefungsbereich: HPH, HMS, HDS, HON, HBL, HUT, HFT			
Auftraggeber / Hettich-Gesellschaft:		)atum:	
Auftragnehmer:			
Bau- / Montagestelle: Tätigkeit/ Maschine/ Anlage:			
Taugkeit Maschine/ Aniage.			
Auftragsverantwortlicher vor Ort (mit Weisungsbefugnis zur Arbeitssicherheit):		elefon:	
Abnahme der Arbeit durch den Auftragsverantwortlichen erforderlich?  Ja Nein (hier Kreuz setzen, nach Durchführung der Beurteilung)			
Mögliche Gefährdungen und Gegenmaßnahmen			
Organisatorische Mängel			
Bestehende Gefährdungen	Gegenma£nahmen zur Beseitigun	oder Verminde	erung der Gefährdung
☐ Keine Anmeidung der Arbeiten bei der Führungskraft vor Ort	Führungskraft vor Ort, vor Beginn der Arbeiten informieren		
unbeabsichtigtes Auslösen der Brandmeideelnrichtung durch die Tätigkeit	Deaktivierung der Brandmeidereinrichtung ir entsprechenden Brandabschnitt durch FM		or dem Verlassen sichem
Fehlende Ortskenntnis	☐ Vor-Ort-Einweisung		
Ungenügend qualifizierte Mitarbeiter	Mitarbeiter unterwiesen		
Zu wenig Mitarbelter	☐ Zusätzliche Mitarbeiter anfordem		
Plan- / Terminabweichungen	Abstimmung mit dem Verantwortlichen		
Unbefugte Personen auf der Bausteile	Absicherung gegen unbefugten Zutritt		
Besonderheiten / Erošnzungen:			
mechanicohe Gefährdungen			
Bestehende Gefährdungen	Gegenmaßnahmen zur Beceitigun	oder Verminde	erung der Gefährdung
ungeschützt bewegte Maschinenteile (erfasst werden, anstoßen,)	sich bewegende Maschinenteile stillsetzen	Mitarbeiter a	auf besondere Gefahren
Telle mit gefährlichen Oberflächen (Ecken,	Schutzgerüst / -dach erstellen		für Höhensicherung
Kanten, Grate, Spitzen,)	Persönliche Schutzausrüstung verwenden	verwenden	
angefahren / überfahren werden	(Schutzbrille, Schutzhandschuhe, Sicherheitsschuhe,)		
unkontrolliert bewegte Teile (herabfallen, kippen,	Gefahrenbereich absperren	<b></b>	
rollen, gielten,)	Telle vor dem Herabfallen, Kippen, sichem	<b></b>	
Ausrutschen, Stolpern, Umknicken, Fehltreten	Stolperstellen und Rutschgefahren beseitige	"n D	
Abstürzen und Einbrechen (vom Dach, Arbeitsbühnen, Treppen, offene Schächte,)	Absturzstellen sichem		
Besonderheiten / Ergänzungen:			
Dahamatan Tana Tana	Calle 4 upp C		
Dokumenteneigner: Thorausch, HPH	Selte 1 von 5	Erste	ellt am: 01.10.2015

- For building activities and assembling work on site the a risk assessment must be done by the contractor
- Therefore an own template or the Hettich template can be used (HF 00177 "Bau- und montagestellenbezogene Gefährdungsbeurteilung durch externe Dienstleister" --> Download via Hettich Homepage, only available in German)
- An explanation how to use the Hettich template can be found at the last page of the document
- If permits are necessary (e.g. fire permit, driving forklift or lifting platform) involve Hettich employees into the creation of risk assessment
- The employees must be instructed on site by the contractor on the basis of the risk assessment
- A copy of the risk assessment together with verifications of instruction must available for the employer

Technik für Möbel

# Permission for driving industrial trucks

#### Scope of the appointment: Company's name site location Appointment industrial truck driver (according to § 7, BGV D27 "Industrial trucks") First name, last name dd.mm.yyyy Mr/Ms: Pers No Executive / First name, last name Employer: Is hereby appointed for the above mentioned company to drive industrial trucks in internal traffic and The assignment is applicable for the following industrial trucks: Manufacturer: Type of industrial truck: He/she has proved his/her capabilities to the company in driving the above mentioned industrial trucks according to BGV D27 §7 Para 1 "industrial trucks". The driver has been instructed about the features of the truck. Refresher training would be done in a yearly cycle within the framework of technical safety instructions (BGV A1 § 4). The instruction on the industrial trucks of the employer takes place on site and will be documented by the written permission of the employer. The following points would once again be brought to attention: 1. Before starting to work you have to be convinced about the servicing condition of the truck. Eventual obvious defects are in your own interest to be brought to the attention of the employer before takeover. When leaving the truck make sure that it is safeguarded against accidental and unauthorized movement. After the work is finished you are responsible to park adequately and properly on its designated area to enable a later serviceability. 2. When loading the vehicle it has to be taken care that during movement of the truck the driveway is sufficiently visible and a proper securing of the cargo is ensured. The way of driving and the speed limit has to comply with the local standards to avoid hurting people, property and vehicles. 3. For the use of industrial trucks UVV BGV D27 is applicable. dd.mm.yyyy

- Besides a driving license a written permit (HF 3507, only available in German) is necessary to drive industrial trucks (fork lifts) on site
- This permit can be issued by the employer upon submission of truck driving license and assignment (HF 3506), which is issued by the contractor
- The permission must be carried along on site!



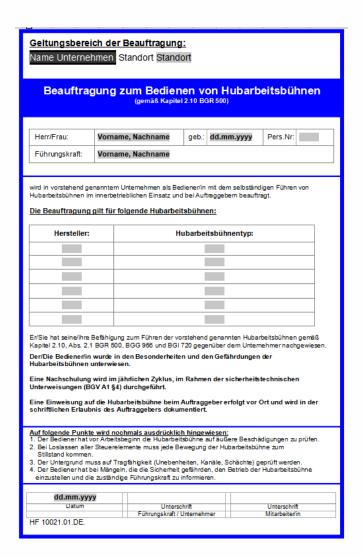


- The appliance specific training and instruction on operating conditions is carried out is carried out by the owner of the truck
- The rules mentioned in the assignment and the instruction of the lender must be observed compulsorily



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# Permit for the handling of lifting platforms



- Besides a driving license a written permit is necessary (HF 10022, only available in German) for the handling of lifting platforms on site
- This permit can be issued by the employer upon submission of lifting platform license and assignment (HF 10022), which is issued by the contractor
- The permission must be carried along on site!





- The appliance specific training and instruction on operating conditions is carried out is carried out by the owner of the lifting platform
- The rules mentioned in the assignment and the instruction of the lender must be observed compulsorily



# Ladders, scaffoldings and lifting platforms



- Use only appropriate scaffoldings, working platforms an ladders – pay attention to the usage limitations
- Ensure stability Set up on a load-bearing surface that is as level as possible and secured against slipping or sinking
- Regard the permissible loading capacity
- If the catapult effect on aerial work platforms cannot be safely excluded, PPE against falls from a height must be used (harness with fall absorber).
- Ensure that the fall protection device is intact and the anchorage point is approved.
- Pay attention to construction, usage and operating instruction of the manufacturer
- Enter the scaffold only after it is approved scaffold labelling
- Safeguard scaffolds against unauthorised entry!



## Ladders, scaffoldings and lifting platforms on transport routes



- **Safeguard** contiguous areas or areas lying under the work spot. The barrier has to be explicit and correspond to the type (delineator, safety barriers, foils, partitions, etc.)
- Special care during placement on or near the transport routes and work areas



# Height safety to prevent falling



Facilities that prevent a person from falling (fall protection) must in place:

- In case of more than 1.00 m drop height
- In case of more than 3.00 m drop height when doing construction work;
- Personal protective equipment against falling must be provided by the contractor and he has to instruct the staff before starting to work in the proper use of the equipment



### Roof work



Entering roofs without request and doing any kind of roof work is only permitted according to procurement

Information about access possibilities and bearing capacities can be obtained at the employer (Facility Management)

- Protective measures against slipping off and falling as well as against falling off of building materials and tools externally and internally
- Fire prevention measures for fire-, cutting- welding work
  - A fire permit must be obtained by the client
  - Keep fire extinguisher at the workplace
  - Organise a fireguard





# Fall protection during roof work

- Wherever there are NO marked paths on the roofs, people can move freely WITHOUT fall protection on the entire roof up to a distance of 2.5 m from the point of fall. (Exception building A10)
- Persons approaching a fall edge closer than 2.5 m must secure themselves against falling by means of a safety system





 On the roofs there are anchor points for the safety equipment of a fall protection system







# Drilling, fastening, demolition work









- Work execution only by authorised persons
- Drilling- and demolition work are only allowed according to procurement
- In area of hall A3 and A5 drilling work in grounds are only allowed with permitted machines for asbestos processing. This is to be done only through a special trained personnel
- In hall C3 and B3, a maximum drilling depth of 150 mm is permitted in the hall floor. Deviations from this are only permitted after approval by the Facility Management.
- Drilling into load-bearing elements or components is prohibited or only permitted after approval by Facility Management
- The work area has to be marked clearly and protected against unauthorised entry



# Underground work

- Before starting work inform yourself about location and protective distances of buried conductions and coordinate the procedure with the Facility Management
- To detect conductions use investigative trenches or detection devices
- Safeguard potholes and trench wall, keep protection strips (0.6 m) load free
- Safeguard danger zones from earth moving machines and do not allow any entry



- Mark the way of conductions and maintain protective distances
- In case of danger regard the order of measures (get devices out of danger zone, warn third persons, disconnect conduction from power)
- Do not cover, shift or remove signboards or other markings without permission from Hettich



# Risks of working alone



- Intend to have at least a second person present
- Work in visual range of another person
- Evaluate dangers of working alone with the help of the operating instruction "PNG-Risk evaluation" (only available in German) according to DGUV Rule 112-139
- Installation of a time co-ordinated reporting system
- Wearing of an emergency device which activates an alarm if the alone working person falls to the ground. Registration at the Hettich reception (security service) Tel. 05223/77-1209





# Working in crane areas



- All works on cranes and in crane areas require a permission from Hettich
- It is prohibited to stand under suspended load!
- Operating a crane is only allowed for trained and written authorised employees
- Take care of risk of crushing during working in crane areas. If work has to be carried out in the coloured areas the crane must be disconnected via the main switch
- Safeguard main switch with a lock and mark it with the sign "Do not switch on! Maintenance work" (Available in service technology, Tel. 05223 / 77-1271)

Do not switch on! Maintenance work



# Working in potentially explosive areas











- Entry for authorised persons only
- Working areas must always be well ventilated; open ignition sources, open flames and smoking is prohibited
- Inform the person responsible for the plant about start and end time of work
- Use spark supressing or explosion-proof equipment
  - If sparking is expected an explosion can not be excluded and the work has to be coordinated with the Hettich employee.
  - If you have to inactivate prevention measures within an explosion area you have to coordinate this with your Hettich employee.



### **Workflows / Dangers**



# The following aspects have been discussed with the employer:

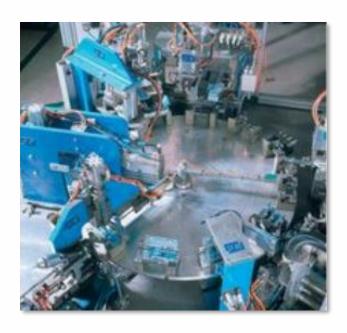
- Workflows
- Possible hazards
- Correct use of safety measures
- Facilities for environmental protection
- Procedures for a safe troubleshooting (e.g. residual energy, buried conductions etc.)



It is prohibited to manipulate or override safety devices!



### Maintenance / Cleaning / Repair



## For maintenance-, cleaning and repair works:

- Plan safety measures
- Only perform work in which you are instructed
- Safeguard working area
- Use correct equipment
- Comply with the work plans
- Perform a final check including documentation



Pay attention to residual energy in case of troubleshooting!



## Fire prevention



## Smoking ban and smoking places









- Smoking is totally banned on the Hettich site Kirchlengern/Bünde
- As an exception there are places identified as smoking zones



### Welding / Cutting / Fire activities



- A fire permit is obligatory and must be obtained from the fire prevention officer (Tel. 05223 / 77-1040) before start of work
- Get information about smoke detectors sprinkler systems
- Cordon off risk areas
- Take care of sufficient ventilation
- Remove flammable objects or liquids or cover them otherwise
- Keep appropriate extinguishing agents for fire fighting
- Separate welding work space by placing protection shields
- Safeguard electrical conductions from mechanical damages
- A firewatch is to be determined by the fire prevention officer



Lack of precaution for welding work often results in severe fires with devastating consequences!



### Fire prevention



- Only keep the amount of flammable liquids which is sufficient for one day at the workplace
- In case of fire or severe smoke development activate the evacuation alarm immediately
- Firefighting, if it is possible without selfendangerment
- In case of activated evacuation alarm stop working immediately and seek assembly point
- Inform in advance about the course of escape and rescue routes (see notices).

Bear in mind that inhalation of smoke from fire and gas leads faster to death than the effect of flames on the human body.



# First aid organisation



### Who must be informed in case of emergency?



- Environmental accident
- Occupational accident
- Fire

#### Please keep two telephone numbers in mind!

In case of severe emergencies always call

112!

first

# <u>AND</u>

then afterwards the Hettich internal emergency number

1000

or. 05223/77-1000 via mobile phone

<u>Attention:</u> Even minor accidents must always be reported to the Hettich internal emergency number "Thanks for calling 1000 "



### Slight accidents



- First aiders are available in the halls (see notices on Safety-Excellence boards or on first aid boxes)
- For minor injuries an own first aid box must be provided
- Minor injuries do not have to be recorded in the Hettich accident book but in the own one



## **Contact Person**



### Who must be informed in case of emergency?

- You have to contact your responsible Hettich contact person first when you are on site to coordinate the proceeding.
- Agree upon some contact details with your Hettich employee.



### Who must be informed in case of emergency?



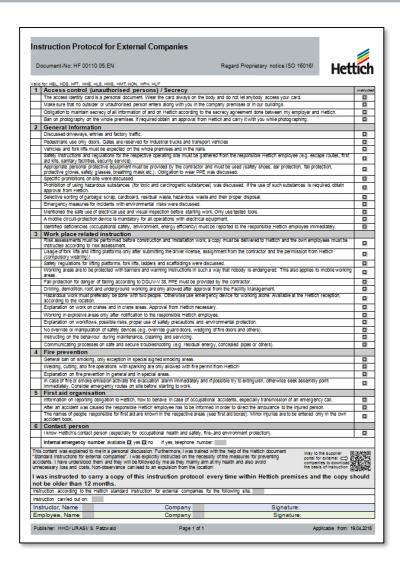
You can find the emergency boards with all relevant telephone numbers at all internal telephones!

- Quote when making an emergency call:
  - Where it happened?
  - What happened?
  - How many injured?
  - What kind of injury?
  - Wait for requests?

Further contact persons on site:
Gas, Water, Heater Mr. Vollbring
Tel. 05223 / 77 – 3303 or 0151 / 54412488
Electrical Mr. Kammann
Tel. 05223 / 77 - 1177 or 0151 / 55112533
Fire protection Mr. Ortmann
Tel. 05223 / 77 –1040 or 0151 / 12047473
Environmental protection Mr. Kott
Tel. 05223 / 77 –1524 or 0151 / 12047388
Occ. health and safety Mr. Thorausch
Tel. 05223 / 77 – 1427 or 0151 / 55112403



### **Documentation of instructions!**



- The implementation and participation of this instruction has to be documented in the given form HF 0110
- The instructed persons confirm by signing that the content of these instructions has been explained to them personally in a meeting
- The instructed person confirms with the signature the understanding of the contents and the readiness to observe the necessary measures for preventing accidents
- A copy of the signed protocol (not older than 12 months) is to be carried all the time on Hettich site and must be shown upon request
- Non-observance of the guidelines can lead to an expulsion from the location!



### What do I need at Hettich?

#### Principally for your stay

- Instruction protocol (HF 00110 from employer)
- Service partner card (available at Hettich reception)
- Appropriate PPE

#### Forklifts / Lifting platforms

- Driving licence for forklifts or lifting platforms
- Assignment from the own employer
- Permission from Hettich

#### Construction- and assembly work

 Risk assessment referred to the respective work (from employer e.g. on the basis of HF 00177)

#### Photographing

Permission to take photos (from Hettich)

#### Use of hazardous substances

 Permission for toxic and cancerogen substances (from Hettich)

#### Minor injuries

- Own first aid kit (bringing yourself)
- Own accident book (bringing yourself)

### Welding/Cutting/Soldering/Sparks

- Fire permit (from Hettich)
- Appropriate extinguishing agent (bringing yourself)
- In explosion-risk areas explosion measurement device (bringing yourself)

#### Dangerous lone working

 Emergency device for working alone (bringing yourself, upon request you can get it from Hettich)

#### Height works

 Fall protection for work in 1,2,3 or 5 m fall heights (bringing yourself)

#### Electrical work

 Mobile circuit breaker "PRCD-S" (bringing yourself)



## Looking forward to a good cooperation!



