



## Knowledge

## Skills

Trainees know ...

- about load-bearing systems
- the advantages and disadvantages of load-bearing technique
- how to connect to adjacent building elements (floor and roof plates, openings) according to load-bearing best practice and rules
- the tools and machines used in straw bale construction sites
- the possible dangers, safe working practices, accident prevention regulations and security data sheets
- How to read and work from plans
- the great importance of using straw bales with a good density.
- different compression methods and their characteristics
- the importance of fixing bales and different methods of doing this
- how to fill the gaps between the bales

Trainees can ...

- handle the tools and machines which are used in the straw bale construction.
- estimate the dangers linked with it and can avoid them
- apply the different load-bearing construction methods and can resize, compress and fix the bales.
- do basic carpentry to make additional wooden construction aids in order to erect straight walls.
- select bales which fit into the construction
- compress built-in bales in different technologies
- fill gaps and holes with sufficient pressure and match orientation of straw
- fabricate base plate and top plate
- prepare openings

## Competence

Trainees can ...

- work with all partners in such a way that the building site is safe.
- organize the work on straw bale building sites that use the load-bearing construction methods and integrate suitable work routines, tools and technologies.
- inspect and select good quality bales for load-bearing construction.
- control the general quality of the bales during the whole building process.