

**Knowledge**

Trainees know ...

- the tools and machines used on the straw bale construction sites
- possible dangers, safe working practices, accident prevention regulations and security data sheets
- how to read and understand plans and construction drawings
- that it is necessary to fix the bales, and know different technologies to do it
- that it is necessary, to avoid gaps and therefore compress bales and have different technologies to do it or fill in flacks or straw before compression
- how to join to adjacent building elements (floor- and roof plates, openings)

**Skills**

Trainees can ...

- handle tools and machines which are used in straw bale construction
- execute different Infill construction methods, adjust the bales if required and use different compression-, stabilization- and fixing-techniques
- prefabricate straw bale elements (walls, roofs, floors)
- implement diagonal bracing in the construction and bales (notched,...) according to static needs and plans
- fill the holes with a pressure (density) according to the national rules
- connect boards and window frames properly (airtight, structurally sound...)

**Competence**

Trainees:

- are aware of health and safety in relation to other workers, building site, machinery, equipment, PPE (personal protective equipment) and of issues specific to working with straw and straw bales.
- can estimate the dangers and avoid them on building site