

Centre of Excellence for TVET - LILAMA 2



become a
**Construction Mechanics
Technician**

Construction Mechanics



Vietnamese - German Development Cooperation in TVET



Construction Mechanics Technician



Construction Mechanics Technicians work primarily in industrial branches of the: equipment technology, steel and metal construction, mechanical engineering, vehicle manufacturing, as well as in branches of the building construction industry.

They work independently and in teams and manufacture and assemble their products in workshops as well as on sites. Heavy duty products as elevators, escalators, conveyor belts, components of a storage building or even parts of a ship frame, will be pre-assembled as possible in the manufacturing workshop, transported to the construction site to be finalized there.

Construction Mechanics Technicians are likely to specialize themselves in company sections of the production and assembly as well as maintenance and servicing. Further, they can specialize in customer care and quality assurance as well. Where they focus themselves on various product groups of the employing company as: e.g. ship bodies, production halls, bridges, transporting systems, airport buildings, antennas, oil platforms, ventilation systems, constructions of steel-hydraulic engineering, etc. or put their focus on particular manufacturing processes as adhesive- and laser techniques as well as various welding methods.

Tasks and activities:

Construction Mechanics Technicians:

- take down customer orders and start its implementation;
- plan their tasks and duties according to technical documents;
- produce components, sub-assemblies and metal constructions made of sheet metal, pipes or steel profiles;
- apply manual and automatic manufacturing procedures;
- implement various welding procedures under consideration of occupational safety and environmental protection;
- assemble and disassemble metal constructions applying various joining technologies;
- produce auxiliary constructions, appliances, templates, developments/winding off;
- select testing devices and procedures and apply company quality assurance system;
- implement necessary maintenance work of constructions, machines and tools;

Contact information:

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