



# Tinsmith

## Description

Tinsmiths create, install and repair sheet-metal products: metal roofs, fences, pipes and gutters. They provide lightning protection installation on the houses and buildings and downspouts which direct water away from home. Tinsmiths manufacture such products individually and manually in the workshops and then join, transport and install them. In their work, they bend, solder, roll, drill and weld metal into appropriate shape, and have a good knowledge of material they work on, so that they could process it properly. It is not uncommon for them to climb the scaffolding or high roofs, use sharp tools and cutting machines during assembly, which requires observing of safety regulations, taking measures to prevent accidents and wearing personal protective equipment.

In order to supply a custom designed product to a client, a tinsmith measures all details and creates sketches to manufacture a desired product. That process entails good communication with customers, precise estimation and calculation of price and time necessary for manufacturing. Good organization of work in the workshop and at the construction site is vital for achieving the best results. Manufacturing of metal cabinets, containers, boxes or metal dishes also falls into the scope of tinsmith's work. In this segment of work the sense of shape and aesthetics of the product is crucial. The tinsmith's job involves prolonged standing and working in noisy workshops.

## Desirable traits/requirements

- Manual dexterity/ hand skills;
- Agility and physical endurance;
- Sense of shape and proportion;
- Good eyesight and precision;
- Spatial orientation;
- Responsibility and reliability;
- Communication skills;
- Being well-organized.

## Positive aspects:

- Tinsmiths work in workshops, at construction sites and perform a wide range of activities. The job is challenging, but also versatile and in demand.

## Negative aspects:

- They work outdoors exposed to different kinds of weather condition. The workshops are high noise environment in which they work using the sharp tools. Tinsmiths' job is physically demanding.

## Career path/ fields of work

The tinsmith's job requires a specific training, while secondary vocational education is preferable.

Tinsmiths work for construction companies, custom metal shops or are self-employed contractors.