My future speciality

Anastasia Nikitina
21-OP

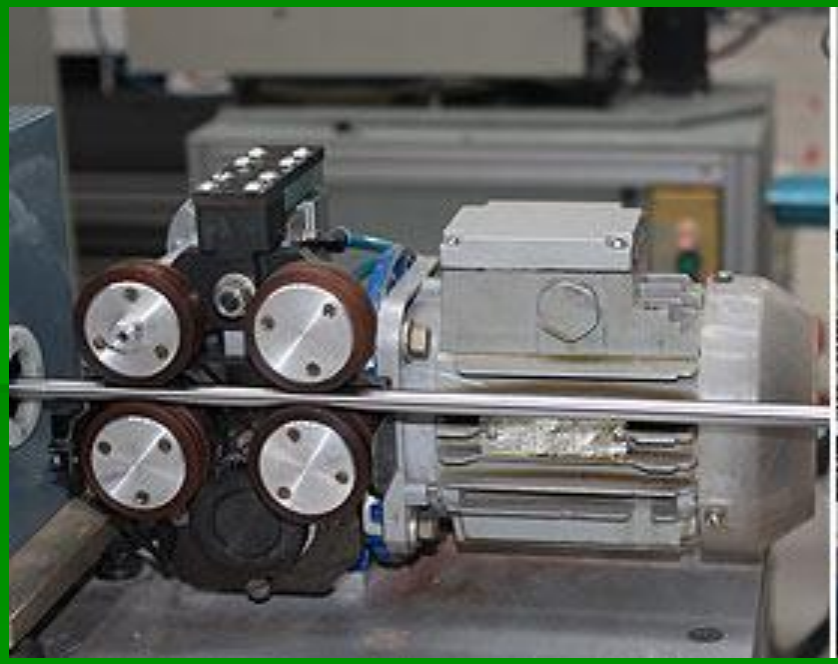
Safety engineering is an applied science. Safety engineering assures that a life-critical system behaves as needed even when pieces fail.

Safety engineers are responsible for keeping people free from danger, risk, or injury in the workplace. They develop safety programs to minimize losses due to injuries and property damage.

They try to eliminate unsafe practices and conditions in industrial plants, mines, and stores as well as on construction sites and throughout transportation systems.

Safety engineers often have other titles, such as director of safety, safety manager, or safety coordinator.

Engineers employed in large manufacturing plants often develop broad safety programs.



They study the buildings, equipment, procedures, and records of accidents in their plant and point out safety hazards.

Other safety engineers work with designers to make sure that their company's products are safe.

They may be responsible for seeing that a new automobile model meets safety standards. Or they may check the design and production of children's toys.

Safety engineers who work for insurance companies usually provide consulting services to their clients. They are experts who can spot hazards and recommend ways to eliminate them.

Good communication skills, understanding of regulations and good research skills are essential for a safety engineer.

Thanck you for attention !