Silver electrolytic refining requires the following operations to be carried out:

1. Melting and making of silver anodes
2. Silver electrolytic refining operation
3. Silver Recovery
4. Cleaning and drying of silver crystals
5. Melting of silver crystals
6. Production of grains

The electrolytic refining method for silver is the sole that can guarantee a purity of over 999.5.

The units don’t require any particular maintenance and can work in a continuous cycle.

The silver to be refined needs to be melted into an ingot/anode that can be hung on the anode bars and mustn’t have a purity below 700/1000.
Refining process is taking place

Silver anode (impure) to be refined and to be introduced inside the polypropylene bag as shown in the photo below

Crystals of pure silver at the end of the refining process
Silver Anode before the refining process

Bag containing the anode

Electrolytic Tank

Electrolytic solution

Silver crystals after the refining process which you can melt making the grains or the bars.