

SX Kinetics designed and manufactured this pilot plant for electrowinning investigations at the Toquepala copper leach / solvent extraction / electrowinning plant in Peru.



**Project:** sxk-41  
**Client:** Southern Peru Copper Corporation  
**Location:** Toquepala, Peru  
**Capacity:** 208 g Copper per hour  
**Cathodes:** 10  
**Anodes:** 11  
**Rectifier:** 0 to 300 amps, 0 to 5 volts

#### Items Provided:

- Electrowinning cell with electrolyte distribution manifold and adjustable O/F weir
- Stainless steel cathodes (with edge strips) and Pb-Ca-Sn alloy anodes
- Rich and lean electrolyte tanks
- Teflon coated immersion heater with temperature controller
- Electrolyte circulation pump
- Rectifier with constant regulation of current or voltage output
- Completely assembled and tested prior to shipment

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