

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

#### SX Kinetics, Inc.

39 A Hamilton Ave.  
Cobourg, Ontario, Canada, K9A 1V7

Web Site: <http://www.sxkinetics.com>

#### Further Information Contact:

Mr. Steven Webster  
Hydrometallurgist

Tel +1 905 372 5981  
Email: [steven.webster@sxkinetics.com](mailto:steven.webster@sxkinetics.com)