

This electrowinning pilot plant was designed and manufactured by SX Kinetics for a copper heap leaching / solvent extraction / electrowinning project in Southern Peru.



Project: sxk-71
Client: Minera Pampa de Cobre
Location: Arequipa, Peru
Capacity: 28 kg copper per day
Cathodes: 4
Anodes: 5
Rectifier: 0 to 1000 amps, 0 to 6 volts

Items Provided:

- Electrowinning cell with electrolyte distribution manifold
- Stainless steel cathodes with edge strips and lead alloy anodes
- Rich and lean electrolyte tanks with level switches
- Electrolyte feed and circulation pumps with flow meters
- Teflon coated immersion heater with thermostat temperature controller
- Rectifier with constant regulation of current or voltage output
- Completely assembled and tested prior to shipment

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