



EW Pilot Plant 5

SX Kinetics, Inc. designed and manufactured this pilot plant for a project to electrowinning of copper, cobalt, and nickel.



Project: sxk-55
Client: IMPRC
Location: Tehran, Iran
Capacity: 1,250 g Copper per hour
Cathodes: 8
Anodes: 9
Rectifier: 0 to 1000 amps, 0 to 4 volts

Items Provided:

- Electrowinning cell with electrolyte distribution manifold
- Stainless steel cathodes with edge strips and lead alloy anodes
- Rich and lean electrolyte tanks
- Teflon coated immersion heaters with temperature controllers
- Electrolyte feed and circulation pumps
- Electrolyte filters with a supply of filter media
- Rectifier with constant regulation of current or voltage output
- Completely assembled and tested prior to shipment

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