



Laboratory SX Plant 7

This laboratory solvent extraction pilot plant was designed and manufactured by SX Kinetics for zinc, copper, and cobalt studies at a research centre in Iran.



Project: sxk-53
Client: National Iranian Copper Industries Company
Location: Tehran, Iran
Stages: 10
Capacity: 150 mL/min (org + Aq)
Recycle: Option for organic or aqueous

Items Provided:

- Borosilicate mixers, settlers, and aqueous over flow weirs
- Variable speed mixer motors with constant torque output and digital rpm display
- High efficiency curved blade SX impellers with polypropylene coated shafts
- Metering pumps for SX feed, organic feed, scrub solution, and strip solution
- Organic vessel with trap for aqueous entrainment
- Support frame with vibration adsorption clamps
- Interchangeable tubing for easy configuration to any circuit design
- Completely assembled and tested prior to shipment
- Installation instructions and operating manual

SX Kinetics, Inc.

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