



Laboratory SX Plant 4

SX Kinetics designed and manufactured this solvent extraction pilot plant for the evaluation of various copper SX circuit configurations including: 2 extraction + 1 strip; 2 extraction + 2 strip; 2 extraction + 1 scrub + 1 strip.



Project: sxk-36

Client: Moscow State Institute of Steel and Alloys (Technological University)

Location: Moscow, Russia

Stages: 5

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
- 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

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