



Laboratory SX Plant 6

SX Kinetics designed and manufactured this laboratory pilot plant that included continuous leach circuit, solvent extraction circuit, and electrowinning.



Project: sxk-45
Client: Moscow State Institute of Steel and Alloys (Technological University)
Location: Moscow, Russia
Stages: 14
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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