

SX Kinetics designed and manufactured this solvent extraction plant for a lithium purification plant.



Project: sxk-161
Client: ChemProc LLC
Location: Knoxville, TN, USA
Stages: 5
Capacity: 16 L/min (org + aq)
Recycle: optional organic or aqueous

Items Provided:

- Mixer-settlers manufactured from polypropylene with exhaust ventilation system
- Variable speed inline gear agitators with digital VFD speed controllers
- SX impellers with titanium shafts
- Plumbed with sch 80 PVC pipe fittings, and valves
- Peristaltic feed pumps with flow meters and a supply of pump tubing
- Feed and transfer tanks with low level switches
- SX Feed filter unit with a supply of filter media
- Organic make-up and crud treatment circuit
- Two FRP agitation digestion tanks with a 3 cu. ft filter press
- Double air diaphragm pumps

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