



## Laboratory SX Plant 11

SX Kinetics designed and manufactured this solvent extraction pilot plant for a laboratory investigation into the extraction and purification of uranium from phosphoric acid.



**Project:** sxk-77

**Client:** Gulf Chemicals & Metallurgical Corporation

**Location:** Freeport, Texas, USA

**Stages:** 6

**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
- 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.

39 A Hamilton Ave.  
Cobourg, Ontario, Canada, K9A 1V7

Web Site: <http://www.sxkinetics.com>

### Further Information Contact:

Mr. Steven Webster  
Hydrometallurgist

Tel +1 905 372 5981

Email: [steven.webster@sxkinetics.com](mailto:steven.webster@sxkinetics.com)