

This laboratory electrowinning pilot plant was designed and manufactured by SX Kinetics for a project to recover zinc from EAF (electric arc furnace) dust.



**Project:** sxk-65

**Client:** Immanuel Technological Solutions

**Location:** Mississauga, ON, Canada

**Capacity:** 180 g Zinc per hour

**Cathodes:** 4

**Anodes:** 5

**Rectifier:** 0 to 300 amps, 0 to 6 volts

#### Items Provided:

- Electrowinning cell with electrolyte distribution manifold
- Anode diaphragm boxes and anode diaphragm bags
- Stainless steel cathodes with edge strips and lead calcium tin alloy anodes
- Rich and lean electrolyte tanks with electrolyte feed and circulation pumps
- Rectifier with constant regulation of current or voltage output
- Completely assembled and tested prior to shipment

#### SX Kinetics, Inc.

504 - 249 Ruttan Terrace,  
Cobourg, Ontario, Canada, K9A 5X6

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

#### Further Information Contact:

Mr. Steven Webster  
Hydrometallurgist

Tel +1 905 372 5981 Fax +1 905 372 4091  
Email: [steven.webster@sxkinetics.com](mailto:steven.webster@sxkinetics.com)