

SX Kinetics' designed and manufactured a gold electrowinning production plant for a mine in Cuba. The plant electrowins gold onto re-useable stainless steel cathodes.



**Project:** sxk-142  
**Client:** Soltin Investments Inc.  
**Location:** Cuba  
**Capacity:** 100 kg gold per week  
**Cathodes:** 9  
**Anodes:** 10  
**Rectifier:** 0 to 450 A and 0 to 4 V

#### Items Provided:

- Electrowinning cell manufactured from FRP
- Nine (9) stainless steel mesh cathodes
- Ten (10) perforated stainless steel anodes
- Electrolyte tanks manufactured from polypropylene or FRP
- Feed and transfer pumps in polypropylene
- Cathode hoist and trolley system for transporting cathodes to rinse tank
- Cathode harvesting rack and rinse tank in polypropylene
- Double air diaphragm pump and filter unit in polypropylene
- Schedule 80 CPVC true union ball valves, globe valves, pipe and fittings
- Viton O-rings and viton flange gaskets
- Assembled within a modular frame sized to fit inside 40 foot sea container
- 0 to 450 A and 0 to 4 VDC rectifier with constant load adjustment.

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