

# Consumables and Equipment Status for 100-inch Coating for 2002

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*Replacement items required for the July 14, 2002 run.*

Table A: Consumable material list.		
Material	Recommended amount to have on hand	STATUS (order)
Distilled Water	100 gallons from Sparklettes (in addition to that used for making acid)	None (need 100g)
Orvus or Liquidnox Soap	16 oz from Kruse Feed	None (need 16oz)
HCl (CuS) Acid	12 gallons prepared (4 gl. HCl + 8 gl. H <sub>2</sub> O + 6 teaspoons Cupric Sulfate Crystals) from Tri-Ess	3g raw HCL 1g mixed (need 1g more min)
Cupric Sulphate	CuSO <sub>4</sub> 5H <sub>2</sub> O (purified, diamond bluestone) (16oz. bottle) Supplier: TRI-ESS Sciences Inc	16+oz
Medical Grade Cotton	5 x 1 lb boxes	2 boxes (need 3 more)
Kaydry Towels	1 case (15 boxes) from Clean Sweep Supplies	13 boxes
Particle Free Towels	10 packages	14 packages
Dry Nitrogen Bottles	2 large bottles (high grade)	1 bottle @500psi (need 1 bottle)
Oxygen Bottle	1 small bottle (high grade and new)	1750psi
Surgical Masks	10 from Ace Hardware	10+
Vinyl Gloves	10 pair from Ace Hardware	0 (need 10)

		<b>pairs)</b>
CaCO <sub>3</sub> Powder	1 lb jar from Tri-Ess	1+lb
Tungsten Filaments	44 from R.D. Mathis Co.	~100
Aluminum Staples	176 pre-bent from Jori Inc.	1000+
KOH	3oz of crystal (0.5oz of KOH in 500cc of distilled water.) from Tri-Ess	lots

**Table B: *Equipment List***

<b>Item</b>	<b>Available</b>
Garden Hose	Okay
Submersible Pump	Okay
Large Saw Horses	Okay
120-inch basin	Okay
Safety Glasses	Need
Splash Face Mask	Okay
100-inch Mirror Covers	Okay
Acid Gloves	<b>Need</b>
Nitrogen Hose & Fittings	Okay
Long Poles	<b>Need work rusty</b>
Clip on Ammeter	<b>Needed</b>
Felt Pads	<b>Need washing</b>
Sea sponges	<b>Need washing</b>

**Table C: *Highest Priority Task List. Target completion date July 1 2002***

<b>Item Number</b>	<b>Task</b>	<b>Assigned</b>
0	Paint or clean up long poles for acid work	MWI
1	Floor cleaned, scraped and painted	MWI
2	Clean tank outside surfaces	MWI
3	Check oil levels on all pumps	JR
4	Clean up outside Aluminizing room	MWI
5	Check of freon and static system	MWI
6	Ordering	MWI
7	Equipment checks, pumpdowns and dry runs	CHARA & UnISIS
8	--	--
9	--	--

Modified May 20, 2002