

# ULTRAFAB INDUSTRIES LTD.

820 59th Avenue S.E.

Calgary, Alberta T2H 2G5

## Process Recommendation and Tower Sizing

3/14/2007

**Company Name:** Yoho resources

**Location:** 13-23-83-11 W6

**Attention:** Jack Tarnowsky

**Chemical Supplier:**

### Operating Conditions

Design Pressure	1440	psia	600	# ANSI
Operating Pressure	435	psia	3000	kpa
Operating Temp	130	oF	54.4	C
Gas Flow	1.06	MMscfd	30.00	103m3
H2S Inlet	200	ppm	200	ppm
H2S Outlet	0	ppm	0	ppm

Chemical Supplier

Chemical Product 2001

Scavenging rate (100%) 0.2 L/ppm/MMscfd

### Rates and Economics

**\*\* please see notes**

System efficiency	80	%
Scavenging rate	0.25	l/ppm/MMscf
Daily chemical use:	53	l/day
Cost per Liter	2.75	\$/liter
Daily Chemical Cost	146	\$/day
Process Cost	0.14	\$/Mcf
Changeout/fill frequency	151	Days

\*\* Note: Rates and economics are suggested by Manufacturers

These figures are for preliminary budget purposes only

Costs may be less. Ultrafab does not market chemicals.