

PITTSBURGH PLATE GLASS COMPANY

CHEMICAL DIVISION

LAKE CHARLES, LOUISIANA

LABORATORY OPERATIONS REPORT

HCL	1982 Avg.	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	1983 Avg.
VOLUME %														
HCL	96.51	96.30	96.79	97.07	96.67	96.79	96.69	96.78	96.51	96.49	96.85	96.40	96.72	96.67
H ₂	3.08	2.92	2.59	2.56	2.48	2.76	3.01	2.98	3.19	3.21	2.90	3.33	3.05	2.98
CO ₂	0.01	0.01	0.02	0.03	0.04	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.02
O ₂	0.10	0.19	0.15	0.10	0.21	0.10	0.05	1.05	0.06	0.06	0.04	0.04	0.05	0.09
CO	0.05	0.02	0.05	0.02	0.01	0.01	0.01	0.02	0.02	0.04	0.04	0.05	0.05	0.03
N ₂	0.30	0.56	0.40	0.22	0.58	1.32	0.20	0.18	0.20	0.18	0.17	0.16	0.13	0.27
PPM														
COMPRESSOR CT H ₂ O	67	92	92	73	132	71	63	146	120	122	-	-	-	101
PRODUCT H ₂ O	48	112	100	79	115	22	7	43	89	47	42	65	51	64

CONFIDENTIAL:
Subject to Protective Order
of 14th Judicial District Court
No. 91-1145

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HYDROGEN CHLORIDE DEPARTMENT OPERATIONS REPORT

GENERAL DEPARTMENT		1962 AVG.	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	1962 AVG.
HCL SHIPPED.	T/D	9.5	8.3	9.4	10.9	10.2	11.4	16.2	15.5	14.6	21.1	18.9	10.1	9.1	13.0
CL ₂ TO HCL	T/D	12.0	8.4	9.5	11.6	9.6	11.1	19.0	14.8	16.7	23.2	21.0	21.6	10.0	13.9
H ₂ TO HCL	MCF/D	129.9	111.5	104.3	126.7	116.5	133.3	197.0	192.5	182.0	252.7	233.5	188.8	99.2	156.7
LBS CL ₂ /TON HCL		2546	2028	2020	2113	1882	1952	2104	2225	2293	2261	2235	2295	2260	2122
MCF H ₂ /TON HCL		14	13	11	12	11	12	12	12	12	12	12	12	11	12
KWH/T		268.9	399.2	359.2	282.2	320.8	231.8	226.7	226.8	255.7	252.3	181.3	255.6	258.5	206.1
WELL WATER	M GALS/T	36.4	41.2	33.4	19.7	17.0	15.9	16.7	18.5	18.6	19.1	12.6	18.9	26.1	20.1
MAN HOURS PER TON HCL															
PRODUCTION		1.516	2.070	1.632	1.328	1.477	1.174	0.892	0.973	0.925	0.641	0.482	0.645	0.193	1.165
MAINTENANCE		0.284	0.763	0.671	0.726	1.575	0.574	0.231	0.323	0.864	0.752	0.801	0.849	0.157	0.812
SALARIED		0.117	0.556	0.480	0.391	0.434	0.394	0.277	0.307	0.527	0.213	0.264	0.420	0.500	0.380
TOTAL		1.917	3.389	2.783	2.445	3.486	2.142	1.400	1.603	1.616	1.006	1.371	2.313	2.770	2.360
CONTRACT MAINT. INCLUDED IN ABOVE		0.0	0.0	0	0	1.193	2.088	0	0	0	0	0	0	0	0.293
PRESSURE															
PSIG	LINE	39	39	40	42	43	42	44	45	45	48	48	43	46	44
	COMP. DISCH.	46	49	48	51	51	45	47	48	47	50	50	47	49	48
H ₂ O	COMP. SUCT.	9	7	9	15	13	10	11	11	11	14	14	5	6	11
TEMPERATURES															
GAS FROM NO. 1 COOLER		-	-	-	-	-	-	-	-	-	-	-	-	59	5
GAS FROM NO. 2 COOLER		29	36	36	34	34	32	33	33	33	31	40	33	46	35
COMPRESSOR DISCHARGE		269	267	265	277	275	274	282	283	282	279	270	271	270	276
FLOW CU. FT/HR.															
H ₂ TO NO. 1 BURNER		-	-	-	-	-	-	-	-	-	-	-	-	113	9
H ₂ TO NO. 2 BURNER		101	91	95	119	106	131	139	140	140	174	165	113	113	127
CL ₂ TO NO. 1 BURNER		-	-	-	-	-	-	-	-	-	-	-	-	110	9
CL ₂ TO NO. 2 BURNER		93	86	88	109	87	117	121	124	126	161	150	109	113	116
WELL WATER TO HCL	GPM	267	280	264	246	217	224	240	253	247	253	231	195	152	234
OPERATING TIME	%	89	85	74	74	76	70	98	91	93	100	92	70	55	82