

from

R. H. GERLACH

May 12, 19 71

To

Bob Hyberger

Calculations show
that we need 145 ft^3
of $\frac{1}{2}$ -inch rings and
 815 ft^3 of 2-inch rings for
loading all three primary
oxy reactors.

I suggest that you
have on hand:

$\frac{1}{2}$ "	$175-200 \text{ ft}^3$
2 "	$900-1000 \text{ ft}^3$

RHL

INTEROFFICE COMMUNICATION

Westlake, Louisiana
May 21, 1971

TO: Mr. R.L. Hyberger

SUBJECT: OXY REACTOR CATALYST CHARGE FOR JUNE 1971

The next recharge of the oxy reactors shall contain the following pattern:

R-301 (from bottom to top)

7" of 1/2" Raschig rings --six boxes (2 cubic feet each)
26" of 100% catalyst--10 drums (Use lot number 56)
26" of 65% catalyst--10 drums blend (7 drums catalyst-lot number 56)
26" of 45% catalyst--10 drums blend (5 drums catalyst-lot number 56)
40" of 32% catalyst--16 drums blend (5 drums catalyst-lot number 70)
19" of silica in tubes--48 bags (75 lbs. each)
2" of silica on top of tubesheet--15 bags (75 lbs/bag)

R-302 (from bottom to top)

7" of 1/2" Raschig rings-6 boxes (2 cubic feet each)
52" of 100% catalyst--20 drums catalyst--lot number 43
26" of 65% catalyst--10 drums blend (7 drums catalyst-lot number 56)
40" of 45% catalyst--16 drums blend (7 drums catalyst-lot number 56)
19" of silica in tubes--48 bags (75 lbs each)
2" of silica on top of tubesheet--15 bags (75 lbs/bag)

R-303

At this time the loading pattern for R-303 has not been determined. As soon as this information is available, a letter will be issued specifying the loading pattern, the catalyst lots and the blending procedure to be used.

The blends for R-301 and R-302 should be made as follows:

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<u>Strength</u>	<u>Location</u>	<u>Drums catalyst for batch</u>	<u>Bags Silica For Batch</u>	<u>Total No. of Batches</u>
32%	R-301	1 (Use lot no. 70 only)	12	5
45%	R-301/R-302-1	(Use lot no. 56 only)	7	12
65%	R-301/R-302-1	(Use lot no. 56 only)	3	14

All drums of blended material should be marked with the catalyst lot number, percent catalyst and date blended.

Present stock of pure catalyst is as follows:

Lot No.

43	21 drums
49	23 drums
52	26 drums
55	2 drums
56	37 drums
57	37 drums
70	6 drums

D.C. Skokna 1/26/54
D.C. Skokna
Process Engineer

DCS-BS

cc: RDG✓
RHG
GTH
HOA
JDM
~~ES~~

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