

SUM673
R&D SPECIAL

Q & TS - BERMUDA HUNDRED
DATA SUMMARY - EXTRACTED FILLER

LOOP 1A BATCH 673 DATE 19-DEC-1989

MARK DLF3B

TESTS AVG SD

FILLER EXIT EXTRACTOR SURGE SILO

% OV	3	26.56	0.04
% AB	3	2.44	0.10

STEM EXIT ABSORBER SURGE SILO

% OV	3	30.83	0.34
% CA	3	7.48	0.12

INLET NICOTINE	3	2.94	0.10
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FILLER EXIT EXTRACTOR

% OV	4	26.29	1.54
% NICOTINE	4	0.149	0.071
% NICOTINE REDUCTION		94.9	

TOP OF VESSEL		3	6	CENTER	9	12
EXTRACTOR	% OV	25.30	25.30	25.30	25.30	25.30
	% NICOTINE	0.224	0.063	0.067	0.212	0.191
ABSORBER	% OV	30.00	30.00	30.00	30.00	30.00
	% NICOTINE	0.714	0.608	0.626	0.625	0.611

TOTAL M/M	200
POUNDS FILLER	2014
POUNDS STEM	2361
LOAD TIME	0253
UNLOAD TIME	1700
TOTAL TIME	13.2
AVG VELOCITY	1.06

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BAT673
R&D SPECIAL

Q * TS - BERMUDA HUNDRED
E * ACTION DETAIL REPORT

DATE UPDATED 19-DEC-1989

BATCH # 673
FILLING LOOP 1A

% NICOTINE REDUCTION = 94.9

AB TANKS	804	803	CA TANKS	808
#TESTS	1	1	#TESTS	1
AVERAGE	14.11	13.42	AVERAGE	20.71
SDEV			SDEV	
STRIP BLEND SILO 231/232		STEM SILO 105		

015-010
STRIP PRIOR TO AB

015-011
FILLER PRIOR TO 2ND AB

020-010
STEM PRIOR CA

TIME	% OV	% NH3	TIME	% OV	% AB	TIME	% OV	% TA
0026	16.76	0.17				0109	12.61	3.35
0036	16.64	0.17				0118	12.56	3.26
0046	16.84	0.19				0128	12.68	3.25

TESTS 3 3
AVG 16.75 0.17
SD 0.10 0.01

TESTS 3 3
AVG 12.62 3.29
SD 0.06 0.06

015-020 FILLER EXIT SURGE SILO
TO EXTRACTOR

020-020 STEM EXIT SURGE SILO
TO ABSORBER

TIME	% OV	% AB(DWB)
0301	26.55	2.34
0303	26.61	2.54
0305	26.53	2.45

TIME	% OV	% CA(DWB)
0302	31.15	7.45
0304	30.47	7.37
0306	30.87	7.60

TESTS 3 3
AVG 26.56 2.44
SD 0.04 0.10

TESTS 3 3
AVG 30.83 7.48
SD 0.34 0.12

015-011 FILLER PRIOR TO
2ND AB APPLICATION

TOP OF
EXTRACTOR

TOP OF
ABSORBER

TIME	% OV	% NIC(DWB)
0047	22.79	3.01
0057	23.26	2.99
0107	23.03	2.82

	NIC	OV	NIC	OV
3:00	0.224	25.30	0.714	30.00
6:00	0.063	25.30	0.608	30.00
CENTER	0.067	25.30	0.626	30.00
9:00	0.212	25.30	0.625	30.00
12:00	0.191	25.30	0.611	30.00

TESTS 3 3
AVG 23.03 2.94

SD 0.24 0.10

040-010 FILLER EXIT
EXTRACTION

TIME	% OV	% NIC(DWB)
1631	27.39	0.140
1633	26.90	0.126
1635	26.86	0.248
1637	24.00	0.082

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