

NOTICE OF TEST CANCELLATION:

Date: September 16, 1981

Cancel the following test:

L-16,258

*T.A. Perfetti*

T.A. Perfetti

Distribution:

JHW, LEM, RFM, PSW, DFW, MLC, WER, JSS, EAL, LSL, JRW, DKW, CLN, TAP(2)

50891 4702

NOTICE OF TEST CANCELLATION:

Date: September 16, 1981

Cancel the following test:

L-16,258

T.A. Perfetti

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Distribution:

JHW, LEM, RFM, PSW, DFW, MLC, WER, JSS, EAL, LSL, JRW, DKW, CLN, TAP(2)

50891 4703

FT= 3315

2.9/35 TS

CORRECTED COPY  
PLEASE DESTROY ORIGINAL

## TOBACCO PRODUCT TEST INFORMATION

Test No.: L-16,258 Brand: SALEM LIGHTS 85 Date Recd: 6/17/81 Made:

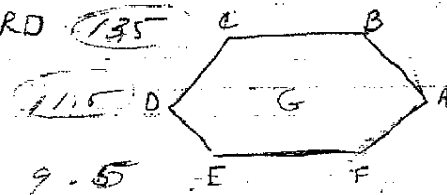
Classification: Req. By: T. A. Perfetti TAP

Charge No.: 7646 Copies to: JHW, LEM, RFM, PSW, DFW, MLC, WER, JSS, EAL, LSL, JRW, DKW, CLN, TAP(2)

Purpose of Test: Part III Prototype Development - Menthol/Moisture RSM

Test Design:	Blend	%	Prototype	Pack inner liner	% Pack Moisture	Pack Menthol	TF	cc/kg
	K1	3.50	A	Foil laminated	11.00 - 11.5	.9	2686	61.0 ✓
	KDN	7.00	B	Foil laminated	14.00 - 14.5	.8	2685	58.3 ✓
	K2	0.88	C	Foil laminated	14.00 - 14.5	.6	2683	45.1 ✓
	K3	6.12	D	Foil laminated	11.00 - 11.5	.5	2682	33.0 ✓
	K13	9.00	E	*No Foil laminated	11.00	.6	2683	45.1 ✓
	C1	5.00	F	*No Foil laminated	11.00	.8	2685	58.3
	C2	19.42	G	Foil laminated	11.00 - 11.5	.7	2684	50.1
	C3	3.33						
	C13	3.00						
	M2	6.00						
	TB	10.75						
	G7	18.75						
	G7A	6.25						
	KCPS	1.00						
	TOTAL:	100.00						

MRD 1.35



50891 4704

\*Paper will be supplied CASING FOR  
by Tom Perfetti. DRYING: Part I Part II

NOTE: Save enough tobacco from test lots to

duplicate all test parts.

in cased strips  
form.

B4	135	483
B2	45	56
C1	22	69
F1	45	77
B9	13	37
TOTAL	260	722

Casing: for cutting 2%, B-3 for parts I and II

Top Dressing: For casing &amp; drying: Part I: None; Part II: None. For G-13, as per FT 3177

Processing: steam flotation: 150°F

Tob. Rod: Circum., mm. 24.8 Length, mm. 59 Cigarette: Length, mm. 84 Cigt. Paper: 753

Filter: Circum., mm. 24.5 Length, mm. 25 % Type Plasticizer E 31F. 9% Tow Item 2.9/44,000

Description white packaging. Date cartons Plug Wrap: 626

Tipping: Width, mm. 63 Color white I. D. No. TOD 8838 VOK Porosity (11-12 sec) 2635 CP

Perforations: Lines 1 C to C, mm. 26 Band Width, mm. Type Mechanical

Quantity (No. of Cartons Per Part): 15 ,30 ,60 , Other 150 (except 500 cartons for cell G)

Instructions: Obtain sufficient material to have all tobacco from same lot. Cigarettes must be made as closely as possible to the moistures specified above. Call Tom Perfetti (4623) when you schedule and plan to have cigarettes made and packaged. Plan to double polywrap all foil laminated products if at specified moisture. Do not polywrap cells G and N. DATE CARTONS

Test No. L-16,258

X	Wt., Total Cigt., g.						
X	Tobacco Rod						
X	Filter						
X	Draft Assembled Cigt.						
X	Tobacco Rod						
X	Filter						
X	$\Delta P$						
X	% Dilution						

Note: The following questions need to be answered for % dilution.

X	1. Filter Length (mm.)	<u>25</u>					
X	2. Distance From Mouth End to Center of Perforation (mm.)	<u>13</u>					
X	3. Total Tipping Width (mm.)	<u>31.5</u>					
X	4. Total Tobacco Rod Length (mm.)	<u>59</u>					

X	Size, Cigt. Rod						
X	Firmness, 0.1 mm.						
X	Moisture, %						
X	Tobacco Analysis:						
X	Nicotine, %						
X	Total Sugar, %						
X	Menthol, %						

Smoke Analysis:							
Butt Length (mm.)	<u>34.5</u>						

Note: Smoke the cigarette to this point.

X	Puffs/cigt.						
X	TPM (wet)						
X	Nicotine, mg./cigt.						
X	FTC "tar" mg./cigt.						
X	Menthol mg./cigt.						
X	pH						
X	CO mg./cigt.						

X Other Evaluations (Quality Control, Tobacco Development, or Research)

Tobacco: % G13 analysis      Smoke:  $\text{NH}_3$   
 humectants  
 %  $\text{NH}_3$

50891 4705

**CORRECTED COPY**  
**PLEASE DESTROY ORIGINAL**

**TOBACCO PRODUCT TEST INFORMATION**

Test No.: L-16,258 Brand: SALEM LIGHTS 85 Date Rec. 6/17/81 Made: \_\_\_\_\_  
Classification: \_\_\_\_\_ Req. By: T. A. Perfetti *TAP*

Charge No.: 7646 Copies to: JHW, LEM, RFM, PSW, DFW, MLC, WER, JSS, EAL, LSL, JRW, DKW, CLN, TAP(2)

Purpose of Test: Part III Prototype Development - Menthol/Moisture RSM

Test Design:	Blend	%	Prototype	Pack inner liner	% Pack Moisture	Pack Menthol	TF	cc/kg
K1		3.50	A	Foil laminated	11.00	.9	2686	61.0
KDN		7.00	B	Foil laminated	14.00	.8	2685	58.3
K2		0.88	C	Foil laminated	14.00	.6	2683	45.1
K3		6.12	D	Foil laminated	11.00	.5	2682	33.0
K13		9.00	E	*No Foil laminated	11.00	.6	2683	45.1
C1		5.00	F	*No Foil laminated	11.00	.8	2685	58.3
C2		19.42	G	Foil laminated	11.00	.7	2684	50.1
C3		3.33						
C13		3.00						
M2		6.00						
TB		10.75						
G7		18.75						
G7A		6.25						
KCPS		1.00						
TOTAL:		100.00						

*make FT- (Wed)*  
*many, G.H.J.K → G.H.J.K L.M → 2330cty/pack*

\*Paper will be supplied by Tom Perfetti. CASING FOR DRYING: Part I Part II

NOTE: Save enough tobacco from test lots to duplicate all test parts.

B4	135	483
B2	45	56
C1	22	69
F1	45	77
B9	13	37
TOTAL	260	722

Casing: for cutting 2%, B-3 for parts I and II

Top Dressing: For casing & drying: Part I: None; Part II: None. For G-13, as per FT 3177

Processing: steam flotation: 150°F

Tab. Rod: Circum., mm. 24.8 Length, mm. 59 Cigarette: Length, mm. 84 Cigt. Paper: 753  
Filter: Circum., mm. 24.5 Length, mm. 25 % Type Plasticizer E 31F, 9% Tow Item 2.9/44,000

Description white packaging, Date cartons Plug Wrap: 626

Tipping: Width, mm. 63 Color white I. D. No. TOD 8838 Porosity (11-12 sec) 2635 CP  
*15 bobbins on hold. → 10.4 sec and*

Perforations: Lines 1 C to C, mm. 26 Band Width, mm. \_\_\_\_\_ Type Mechanical

Quantity (No. of Cartons Per Part): 15 \_\_\_\_\_, 30 \_\_\_\_\_, 60 \_\_\_\_\_, Other 150 (except 500 cartons for cell G)  
Obtain sufficient material

or Instructions: to have all tobacco from same lot. Cigarettes must be made as closely as possible to the moistures specified above. Call Tom Perfetti (4623) when you schedule and plan to have cigarettes made and packaged. Plan to double polywrap all foil laminated products if at specified moisture. Do not polywrap cells G and N. DATE CARTONS

50891 4706

Test No. L-16,258

X	Wt. Total Cigt. g.						
X	Tobacco Rod						
X	Filter						
X	Draft Assembled Cigt.						
X	Tobacco Rod						
X	Filter						
X	$\Delta P$						
X	% Dilution						

Note: The following questions need to be answered for % dilution.

X	1. Filter Length (mm.)	<u>25</u>					
X	2. Distance From Mouth End to Center of Perforation (mm.)	<u>13</u>					
X	3. Total Tipping Width (mm.)	<u>31.5</u>					
X	4. Total Tobacco Rod Length (mm.)	<u>59</u>					
X	Size, Cigt. Rod						
X	Firmness, 0.1 mm.						
X	Moisture, %						
X	Tobacco Analysis:						
X	Nicotine, %						
X	Total Sugar, %						
X	Menthol, %						

Smoke Analysis:

	Butt Length (mm.)	<u>34.5</u>					
	Note: Smoke the cigarette to this point.						
X	Puffs/cigt.						
X	TPM (wet)						
X	Nicotine, mg./cigt.						
X	FTC "tar" mg./cigt.						
X	Menthol mg./cigt.						
X	pH						
X	CO mg./cigt.						

X Other Evaluations (Quality Control, Tobacco Development, or Research)  
 Tobacco: % G13 analysis      Smoke:  $\text{NH}_3$   
           humectants  
           %  $\text{NH}_3$

50891 4707



# THINGS TO DO TODAY

DATE \_\_\_\_\_

PRIORITY

✓	Check on cert paper + tipping
	TOD08838
	63 made white
	1 row 26CC
	11-12 sec 2635CP
	2909CP
	2612 = 11sec
	2900 = 10.4sec

50891 4708

RJR Form 5850 - 6/79

# RJR

## TOBACCO PRODUCT TEST INFORMATION

Test No.: L-16,057 Brand: SALEM LIGHTS 85 Date Req. May 6, 1981 Made: \_\_\_\_\_Classification Service to R&D Req. By: T. A. Perfetti *VAP* *can*Charge No.: 7646 Copies to: JHW, LEM, RFM, PSW, DFW, MLC, WER, JSS, EAL, LSL, JRW, CLN, TAP(2)Purpose of Test: Prototype development on menthol-moisture optimization study

Test Design: \_\_\_\_\_

Blend	%	Prototype	Plugwrap	Pack (%) Moisture	Pack Menthol	TF	cc/kg
K1	3.50	<u>✓ A</u>	626	10	.9	2686	61.0
KDN	7.00	B	70 M1	10	.8	2685	58.3
K2	.88						
K3	6.12	C	626	10	.6	2683	<u>45.1</u>
K13	9.00						
C1	5.00	<u>D</u>	626	10	.5	2682	33.0
C2	19.42	<u>E</u>	70 M1	<u>14-10</u>	.5	2682	35.0
C3	3.33						
C13	3.0	<u>F</u>	626	14	.6	2683	<u>45.1</u>
M2	6.0	<i>DOUBLE POLY FREEZE</i> <u>G</u>	626	<u>10-14</u>	.8	2685	58.3
TB	10.75	<u>H</u>	70 M1	10	.9	2686	61.0
G7	18.75						
G7A	6.25	<u>I</u>	626	10	.7	2684	50.1
KCPS	1.00	<u>J</u>	70 M1	10	.7	2684	55.0

		Part I	Part II		
Casing:	CASING FOR DRYING:	B4	135	483	CASING FOR CUTTING:
		B2	45	56	
		C1	22	69	Part I Part II
		F1	45	77	
		B9	13	37	B3, 2% B3, 2%
			260	722	

Top Dressing: for casing & drying: Part I: none Part II: none For G-13, as per FT 3177Processing: steam flotation: 150°FTob. Rod: Circum., mm. 24.8 Length, mm. 59 Cigarette: Length, mm. 84 Cigt. Paper: 753Filter: Circum., mm. 24.5 Length, mm. 25 %, Type Plasticizer 9%, E31-F Tow Item 2.9/44,000Description \_\_\_\_\_ Plug Wrap: see aboveTipping: Width, mm. 63 Color white I. D. No. TOD 8838 Porosity 11-12 sec (2635 CP)Perforations: Lines 1 C to C, mm. 26 Band Width, mm. \_\_\_\_\_ Type mechQuantity (No. of Cartons Per Part): 15 \_\_\_\_\_, 30 A-J, 60 \_\_\_\_\_, Other \_\_\_\_\_Other Instructions: Cigarettes must be made as closely as possible to moisture specified above.Call me (4623) when you schedule to have cigarettes made and packaged. Plan to double polywrap products. Tom Perfetti.



Test No. L-16,057

A B C D E F G H I J \_\_\_\_\_

X	Wt., Total Cigt., g.	_____	_____	_____	_____	_____	_____	_____	_____
X	Tobacco Rod	_____	_____	_____	_____	_____	_____	_____	_____
X	Filter	_____	_____	_____	_____	_____	_____	_____	_____
X	Draft Assembled Cigt.	_____	_____	_____	_____	_____	_____	_____	_____
X	Tobacco Rod	_____	_____	_____	_____	_____	_____	_____	_____
X	Filter	_____	_____	_____	_____	_____	_____	_____	_____
X	$\Delta$ P	_____	_____	_____	_____	_____	_____	_____	_____
X	% Dilution	_____	_____	_____	_____	_____	_____	_____	_____

**Note:** The following questions need to be answered for % dilution.

1. Filter Length (mm.)	<u>25</u>	_____	_____	_____	_____	_____	_____	_____
2. Distance From Mouth End to Center of Perforation (mm.)	<u>13</u>	_____	_____	_____	_____	_____	_____	_____
3. Total Tipping Width (mm.)	<u>31.5</u>	_____	_____	_____	_____	_____	_____	_____
4. Total Tobacco Rod Length (mm.)	<u>59</u>	_____	_____	_____	_____	_____	_____	_____

X	Size, Cigt. Rod	_____	_____	_____	_____	_____	_____	_____
X	Firmness, 0.1 mm.	_____	_____	_____	_____	_____	_____	_____
X	Moisture, %	_____	_____	_____	_____	_____	_____	_____
X	Tobacco Analysis:	_____	_____	_____	_____	_____	_____	_____
X	Nicotine, %	_____	_____	_____	_____	_____	_____	_____
X	Total Sugar, %	_____	_____	_____	_____	_____	_____	_____
X	Menthol, %	_____	_____	_____	_____	_____	_____	_____

Smoke Analysis:	_____	_____	_____	_____	_____	_____	_____	_____
Butt Length (mm.)	<u>34.5</u>	_____	_____	_____	_____	_____	_____	_____
Note: Smoke the cigarette to this point.								
X	Puffs/cigt.	_____	_____	_____	_____	_____	_____	_____
X	TPM (wet)	_____	_____	_____	_____	_____	_____	_____
X	Nicotine, mg./cigt.	_____	_____	_____	_____	_____	_____	_____
X	FTC "tar" mg./cigt.	_____	_____	_____	_____	_____	_____	_____
X	Menthol mg./cigt.	_____	_____	_____	_____	_____	_____	_____
X	pH	_____	_____	_____	_____	_____	_____	_____
X	CO mg./cigt.	_____	_____	_____	_____	_____	_____	_____

X Other Evaluations (Quality Control, Tobacco Development, or Research)

Tobacco  
Analyses: % G-13  
              humectants  
              % NH<sub>3</sub>

Smoke Analyses: NH<sub>3</sub>

50891 4710

Call P SW on  
non foil form.  
paper

Call G Service -  
8/26/81 will have  
made

50891 4711

**TOBACCO PRODUCT TEST INFORMATION**

CORRECTED

COPY

Test No.: L-16,258 Brand: SALEM LIGHTS 85 Date Req. 6/17/81 Made: 8/11/81

Classification: \_\_\_\_\_ Req. By: T. A. Perfetti *TAP*

Charge No.: 7646 Copies to: JHW, LEM, RFM, PSW, DFW, MLC, WER, JSS, EAL, LSL, JRW, DKW, CLN, TAP(2)

Purpose of Test: Part III Prototype Development - Menthol/Moisture RSM

Test Design:	Blend	%	Prototype	Pack inner liner	% Pack Moisture	Pack Menthol	TF	cc/kg
K1		3.50	A	<i>inner</i> Foil laminated	11.00	.9	2686	61.0
KDN		7.00	B	Foil laminated	14.00	.8	2685	58.3
K2		0.88	C	Foil laminated	14.00	.6	2683	45.1
K3		6.12	D	Foil laminated	11.00	.5	2682	33.0
K13		9.00	E	*No Foil laminated	11.00	.6	2683	45.1
C1		5.00	F	*No Foil laminated	11.00	.8	2685	58.3
C2		19.42	G	Foil laminated	11.00	.7	2684	50.1
C3		3.33	H	Foil laminated	11.00	.9	2686	63.0
C13		3.00	I	Foil laminated	14.00	.8	2685	59.0
M2		6.00	J	Foil laminated	14.00	.6	2683	43.0
TB		10.75	K	Foil laminated	11.00	.5	2682	35.0
G7		18.75	L	*No Foil laminated	11.00	.6	2683	43.0
G7A		6.25	M	*No Foil laminated	11.00	.8	2685	59.0
KCPS		1.00	N	Foil laminated	11.00	.7	2684	52.0
TOTAL:		100.00						

\*Paper will be supplied by Tom Perfetti. CASING FOR DRYING: Part I Part II

B4	135	483
B2	45	56
C1	22	69
F1	45	77
B9	13	37
TOTAL	260	722

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Filter: Circum.,mm. 24.5 Length, mm. 25 %, Type Plasticizer E 31F, 9% Tow Item 2.9/44,000

Description white packaging. Date cartons Plug Wrap: 626

Tipping: Width, mm. 63 Color white I. D. No. TOD 8838 Porosity (11-12 sec) 2635 CP

Perforations: Lines 1 C to C, mm. 26 Band Width, mm. \_\_\_\_\_ Type Mechanical

Quantity (No. of Cartons Per Part): 15 \_\_\_\_\_, 30 \_\_\_\_\_, 60 \_\_\_\_\_, Other 150 (except 500 cartons for cells G and N)

Instructions: Obtain sufficient material to have all tobacco from same lot. Cigarettes must be made as closely as possible to the moistures specified above. Call Tom Perfetti (4623) when you schedule and plan to have cigarettes made and packaged. Plan to double polywrap all foil laminated products if at specified moisture. Do not polywrap cells G and N. DATE CARTONS

50891 4711A

Test No. L-16,258

X Wt., Total Cigt., g.  
X Tobacco Rod  
X Filter

X Draft Assembled Cigt.  
X Tobacco Rod  
X Filter  
X  $\Delta P$   
X % Dilution

Note: The following questions need to be answered for % dilution.

X 1. Filter Length (mm.) 25  
X 2. Distance From Mouth  
End to Center of  
Perforation (mm.) 13

X 3. Total Tipping  
Width (mm.) 31.5

X 4. Total Tobacco  
Rod Length (mm.) 59

X Size, Cigt. Rod

X Firmness, 0.1 mm.

X Moisture, %

X Tobacco Analysis:  
X Nicotine, %  
X Total Sugar, %  
X Menthol, %

Smoke Analysis:

Butt Length (mm.) 34.5

Note: Smoke the  
cigarette to this  
point.

X Puffs/cigt.  
X TPM (wet)  
X Nicotine, mg./cigt.  
X FTC "tar" mg./cigt.  
X Menthol mg./cigt.  
X pH  
X CO mg./cigt.

X Other Evaluations (Quality Control, Tobacco Development, or Research)

Tobacco: % G13 analysis  
humectants  
%  $NH_3$   
Smoke:  $NH_3$

50891 4712

BASED ON L-16057

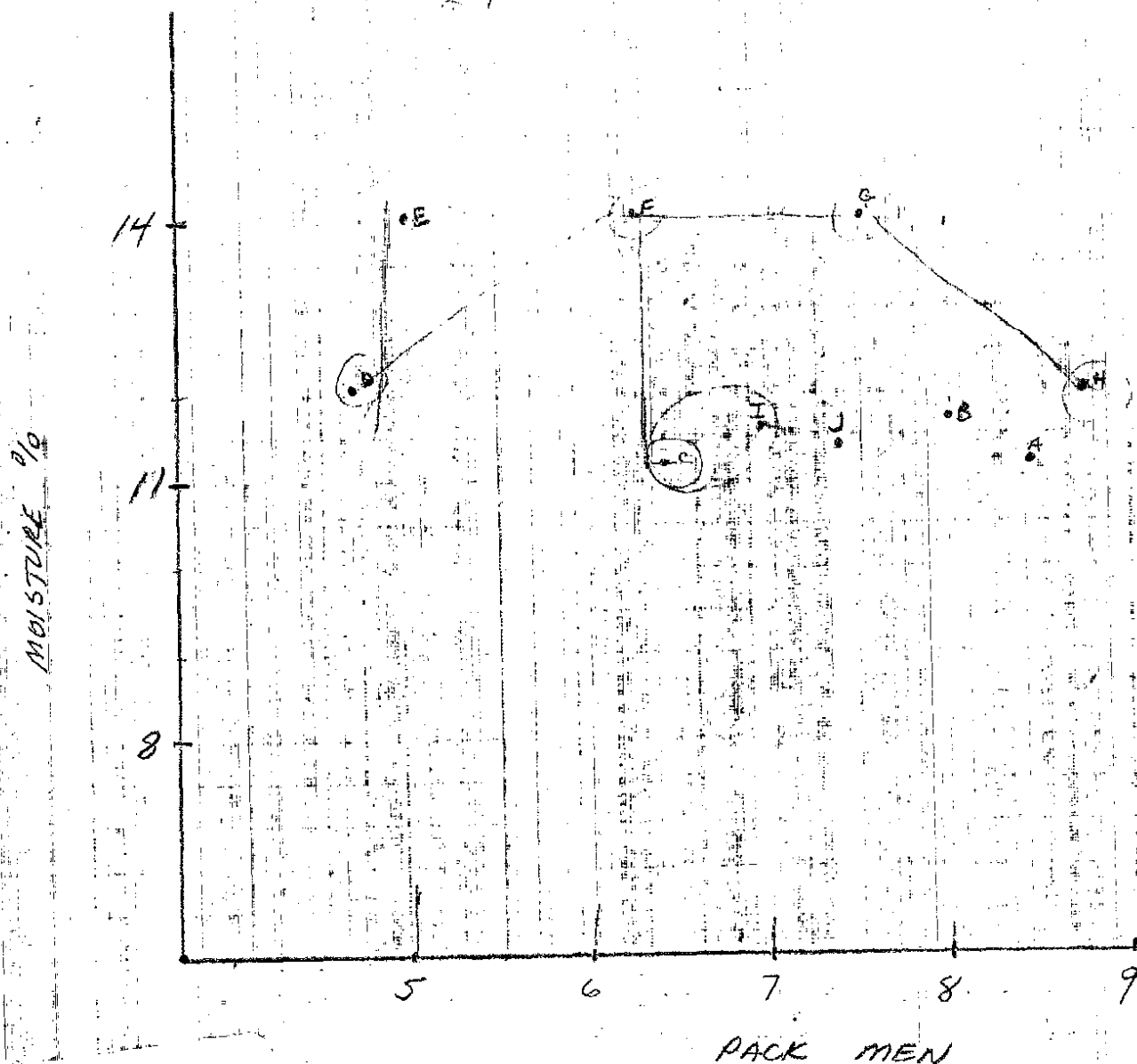
626 plug

2.9/44,000

753 paper

TDO 8838 11-12 sec  
1 row, CX 26 cm

PACK MEN	TF	CC/kg
.5	2682	33.0
.6	2683	45.1
→ .7	2684	50.1
.8	2685	58.3
.9	2686	61.0



50891 4713



TOD 8838

— new

63

W M

15 bobbin

(22 available)

1 26 cc

↓

ave = 2909 CP → 10.4 sec

L-16057 → TOD 8838

2635 CP

11-12 sec

OLD

Parameters of TOD 8838

Range -

27 73

26 58

26 61

27 82

25 14

26 84

30 86

27 73

27 86

29 24

27 51

29 26

29 98

28 35

29 80

29/44,000

22

15

7

M = 2703 CP

glue holes

plug wrap or  
tipping

626 + 2600 → 26

70 ml + → 27

(22 units)

456 4000 CP  
26 00 CP  
35% 200 00

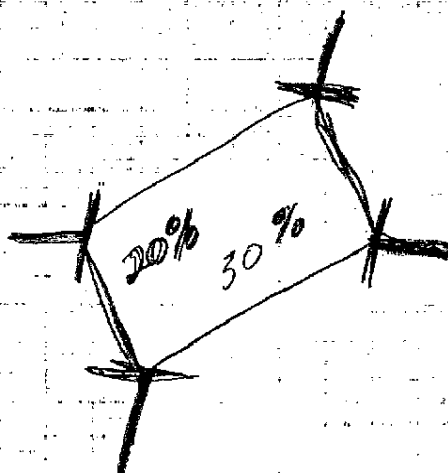
50891 4715

make data table w/ variance  
mean.  
SD.

error bars Plot w/ 3 puffs.

1 day tagette  
14 day  
etc.

Meeting Friday 3/15  
10/16



±

Tar 8.3

~~8.8~~

#

12  
4  
mg Tar/cig.

50891 4716