

ORIGINAL



Treated Wood INSPECTION AND SPECIFICATION REPORT

No.	1506		
Client:	WELCO	Customer:	Lacombe
Location:	Stella-Jones Inc.	Transportation:	Truck
Date:	March 3, 2025	Destination:	BC
Mark:	CSI - one end	Customer's No.:	LAC 2024161
I. the unders	aned, a licensed Inspector of Cana	adian Softwood Inspection Agency, Inc., hereby	v certify that I
	ave inspected and tallied 384		23,040 FBM as manifested
below accord	ling to the rules contained in	NLGA	*; MFR spec.
and that the	same was in good condition at time	e of inspection F	eb 21, 2025
This certificate is authorized repres	not valid unless countersigned by an entative.	Dan S	Spiers - in person
			Inspector
Countersigne	ed	Dank Cont.	March 3, 2025
		Canadian Softwood Inspection Agency, Inc.	Date

Quantity	Size / Class	Length	Quantity	Size / Class	Length	Quantity	Size / Class	Length
NO	1 STRUCTUI	RAL	NO 2 &	BTR STRUC	TURAL			
384	3 x 12	20						

 $^{^{\}star}$ All timbers received were grade stamped by manufacturer.



Canadian Softwood Inspection Agency, Inc. TREATED WOOD PRODUCTS Inspection and Progress Report

Item:		Fir Timbers			Purchase Order No.:		Hemlock Timbers CCA	Report No.:	1
Client:	WELCO	LUMBER C	ORP.		Specification:			Project:	
					Treatment Specification:			Date:	Fe b. 21, 2025
Manuf. And	Location:	Stella Jones	S		Manuf. P / O No.:		LAC # 4161		
		Prince Geor	rge, BC		Seasoning (MC%):	Min.			
Destination						Мах	::		
Framed To	Drawing:	YES	Incised:	YES		Ave	:	Charge No.:	

		Pr	ince Georg	e, B	C		Sea	asoning (MC%	%): Min:								
Des	stination:								Max.	:							
Fra	med To Drav	ving:	YES	Inci	sed: Y	ES			Ave:						Charge	No.:	
		PE	NIDED AT		DEGIN	7.0			1	_	3.6		T . T	TATO	DECE	ED	
			NETRATI			S			_						SPECT.	ED	
I	Incised Zone				mm				Process:								
Ш	Non-incised				eighths	_						FULL C	ELL		REFUSAL		7
	DEPTH SAPWOOD	DEPTH PEN	% SAP SAPWOOD		DEPTH SAPWOOD		PEN	% SAP SAPWOOD	ITEM		NO. OF PIE	CES	SIZE / CL	ASS	LENGTI	4	☑ Lineal ☑ Fbm
1				1					HEMLOC								
2				2		╄			TIMBER		384		3 x	-	20		23040
3				3		+-			2&BTR	_		-	X	+-		_	0
5				5		+						-	X	-			0
6				6		+				\dashv		-	X	-			0
7				7						-			X	-			0
8				8									X	+			0
9				9		\top						\neg	х				0
0				0									X				0
1				1									X				0
2				2									X	-			0
3				3		-				_		_	X	-			0
4				4						\dashv		\rightarrow	X	+			0
Pl	EASE NOTE	E THAT CSI	DOES NOT	TEST	CARRIER	SOF	PRESE	RVATIVES.		-		-	X	+			0
	CSI MAKES N											+	X	-		_	0
	FFICIENCY (+	^				
	HOULD NOT							RIERS USED									
	_ 001110121		THE TESTE			J	_ 0,	112110 00LD	T	RE	ATABLI	E CUB	IC FE	ET II	N CHAR	GE:	23040
			PRESER								TREA	TINO	CY	CLI	E SUMI	MARY	
	Creosote				CCA				Stage		TIME	MAX.	ГЕМР.	MAX	K. PRESS.	VACUUM	CONDEN.
	Pentachloro	phenol			ACQ				Pre-condition								
	ACZA				50/50 mix				Initial Vacuum								
			ETENTIO	N B					Bath								
REC		0.25	☑ 0.40		0.60		1 0	lbs	Boil In Oil								
<u> </u>		CISED ZONE			NO	N-INCIS	SED ZON	E	Initial Air								
<u> </u>	Outer		Inner	<u> </u>					Pressure								
<u> </u>				<u> </u>					Exp Bath								
					7.01.775				Final vacuum								
		RI	ETENTIO			£			Steam / Fix								
_	QUIRED:		GALS	RET	AINED			GALS.	TOTAL TIME FO	OR TI	REATING					hrs	
REC	QUIRED:		pcf	RET	AINED			pcf	MARKING ON A	CCE	EPTED PIE	CES:	CS	S <i>I</i> .	5N	✓ Yes ☐ Rando	□ No om
									REMARKS								
									360	Ti	mbers	left	or L	.AC	#4161	to comp	olete od€
			RUNNIN	G T	ALLY												
NO.	OF PIECES RE	QUIRED:			1080												
PRE	EVIOUSLY ACCE	EPTED:			336			_									
	CEPTED THIS R				384			_			Inco	000	·~ ~)25	Sniar	c
TO	TAL ACCEPTED	TO DATE:			720			_			шър	ישנו	.Uľ	- L	Jali	Spier	<u> </u>

OXFORD LAB-X 2500

POLES ANALYSIS

Me Vi

20/2/2025 18:35

Calibration title: CCA/Poles-pcf

SAMPLE ID: 250100

DENSITY = 25.8 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.45 g

%WT OXIDES %BALANCE

CRO3 = 0.784 % 47.2

CUO = 0.292 % 17.6

AS205 = 0.584 % 35.2

TOTAL = 1.660 %WT 100.0

RETENTION

CR03 = 0.202 pcf

CUO = 0.075 pcf

AS205 = 0.151 pcf

TOTAL= 0.428 pcf



Plant : Prince G Process : FULL CELL Cylinder : 3 Operator : EARL			Preserv.Type:	Concentr. 3	3.44 %					
			Volume :	1152 C.F.		Moisture :	22.0 %			
Specified Net Retention					Date In (d/m/y): 18/02/2		2/2025	TIME IN : 09:5		
Assay:	0.00	pcf	Gauge:	0.00	pcf	Date Out (d/m/y):	18/ 03	2/2025	TIME OUT	



Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
	BCH WELCO	POLES TIMBERS	WRC	1 3X12/	50 20	13 96	672.0 480.0

Operation	Start	End	Press./Vac.	Temper.(°F)	Run Time
Initial Vacuum	9.92	10.42	25.2 "hg	52	0.50
Filling	10.42	10.58	0.0 "hg	50	0.16
Soaking	10.58	12.58	0.0 "hg	50	2.00
Vac Release	12.58	12.60	1 "hg	48	0.02
Pressure	12.60	14.10	146 PSI	49	1.51
Press. Release	14.10	14.15	129. PSI	49	0.04
Pump Out	14.15	14.55	0.5 PSI	49	0.41
Final Vacuum	14.55	15.55	24.5 "hg	53	1.00
Vac Release	15.55	15.65	-12 "hg	53	0.10
Final Strip	15.65	15.83	0 "hg	54	0.18
Down Time	0.29	Hrs	Pause 1	Time .	0.00 Hrs
	Time	5.91 Hrs			
Total Cycle (Cyc	le Runn	ing Tin	ne + Pause	Time)	5.91 Hrs

Material

Preserventy	KIEN		Symme	情影流
Charging Tank Readi	ng	Gauge (FT)	Temper.(°F)	I.Gal.@ °F
Start	A	13.37	51	14768
End Fill for Pressure	В	5.43	52	5996
End Pressure Period	С	5.07	50	5607
End Final Drain	D	13.04	49	14404

Absorption & Rete	Imp.Gals	Pounds	LBS/CU.FT	
Gross Retention	(B-C)	388	143	0.12
Net Retention	(A-D)	364	134	0.12

Pressure Treat to Refusal: 1.00 HRS

Operator:	Foreman:	
operator .	rotemati	



			The second of the
RECORD	OF PRESSURE	TREATMENT Charge No. :	250100

Plant : Prince G	Process: FIXATION	Preserv.Type:	Concentr. 3.44 %		
Cylinder: 3	The state of the s	Volume :	1152 C.F.	Moisture:	22.0 %
	Specified Net Retention	Date In (d/m/y):	18/02/2025	TIME IN :	21.93
Assay:	0.00 pcf Gauge: 0.00 pcf	Date Out (d/m/v):	19/02/2025	TIME OUT	22

Operation	Start	End		Temper.(°F)	Run Time
Heating	21.93	22.22		150	0.28
Fixation	22.22	2.22		180	4.00
Down Time	0.24	Hrs	Pause Ti	me	0.00 Hrs
		Cycle	Running T	ime	4.28 Hrs
Total Cycle (Cy	cle Runni	ing Time	+ Pause Ti	me)	4.28 Hrs

Time	Temper.
(Hrs)	(°F)
23.22	174
0.22	180
1.22	181
2.22	180

Operator:	Foreman :	



Phone: (250) 561-1161

Certificate of Treatment

This is to certify that the material described below has been pressure treated to the requirements of CSA Standards and the Best Management Practices.

Customer Name:

WELCO LUMBER CORP.

Address

4445 LOUGHEED HWY.SUITE 1001

BURNABY BC V5C0E4 CA.

Contact:

Customer's Order #: LAC-4161 SJI Order#: 20242457 Commodity: **TIMBERS**

Species:

HEM

Quantity	Dimensions	Length (in feet)
96	3X12	20

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

Net Retention:

25-0100

Shipping Plant:

0.428PCF

Date of Issuance:

SJI Prince George FEB/21/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator





Penetration Report

Charge#: Product/Co Standard/S OTY 96	mmodity: pec:	25-0100 CSA TIMBERS		Ref#:			
Standard/S	pec:						
QTY	. 355 Karoogala-se segendolik sanco-modus-Nillin SENNA SENNA			Species:		HEM	
THE RESERVE OF THE PARTY OF THE	344 Armagiles or wegen hills are content of Vindo School	CUST SPEC		Production Date: 18/02/2025			
AND DESCRIPTION OF THE PARTY OF	Class (pole) / Di	imension (in.)	Length (ft.)	QTY	Class (pole) / D	imension (in.)	Length (ft.)
A STATE OF THE PARTY OF THE PAR	3X1	Control and American State Control of the Control o	20	[] []			
				ξη (* Ε μ.) 2			
Core# P	enetration (mm)	Sapwood (mm)	Conformance	Core#	Penetration (mm)	Sapwood (mm)	Conformance
1	11	11	100%	21			
2	12	12	100%	22			
3	13	13	100%	23			
4	10	10	100%	24			
5	13	13	100%	25			
6	15	15	100%	26			
7	11	11	100%	27			
8	10	10	100%	28			
9	13	13	100%	29			
10	10	10	100%	30			
11	15	15	100%	31			
12	10	10	100%	32			
13	13	13	100%	33			
14	10	10	100%	34			
15	10	10	100%	35			
16	14	14	100%	36			
17	13	13	100%	37			
18	15	15	100%	38			
19	13	13	100%	39			
20	16	16	100%	40			
Penetration	n (mm):	10	16	Sapwoo	d (mm):	10	16
MC (%):		Min	Max High	% Confo	rmance:	Min 100%	Max

DOA: FEB/20/2025

QC: Norm Wood/Brayden Smith

INSP: Dan Spiers

Print

Ban Sein Signoture OXFORD B-X 2500

POLES ANALYSIS

20/2/2025 18:51

Calibration title: COA Poles-pcf

SAMPLE ID: 250097

DENSITY = 23.3 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.21 g

%WT OXIDES %BALANCE

CRO3 = 1.204 % 45.5

CUO = 0.477 % 18.0

AS205 = 0.963 % 36.4

TOTAL = 2.645 %WT 100.0

RETENTION

CR03 = 0.280 pcf

CUO = 0.111 pcf

AS205 = 0.224 pcf

TOTAL= 0.615 pcf



Plant: Prince G Process: FULL CELL Preserv.Type: CCA Concentr. 3.64 %
Cylinder: 3 Operator: EARL Volume: 1060 C.F. Moisture: 23.0 %

Specified Net Retention

Assay: 0.00 pcf Gauge: 0.00 pcf

Date In (d/m/y): 16/02/2025 Date Out (d/m/y): 16/02/2025

TIME IN: 10:37 TIME OUT: 16:32

Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet	
	BCH BCH	DISTRIBUTION POL	RANSMISSON POLES WRC 1 ISTRIBUTION POLES WRC 1		60 9 60 3		615.0 205.0	
	WELCO	TIMBERS	DF	3X12	20	48	240.0	

Operation	Start	End	Press./V	ac.	Temper	(°F)	Run T	ime
Initial Vacuum	10.62	11.12	24.8	"hg	50	0	0.5	50
Filling	11.12	11.28	0.0	"hg	49	9	0.1	17
Soaking	11.28	13.28	0.0	"hg	47	7	2.0	00
Vac Release	13.28	13.30	1	"hg	46	3	0.0)2
Pressure	13.30	14.82	146	PSI	47	7	1.5	51
Press. Release	14.82	14.85	130.	PSI	47	7	0.0)4
Pump Out	14.85	15.28	0.5	PSI	47	7	0.4	14
Final Vacuum	15.28	16.28	24.3	"hg	52	2	1.0	00
Vac Release	16.28	16.38	-12	"hg	52	2	0.1	1
Final Strip	16.38	16.55	-0	"hg	52	2	0.1	6
Down Time	0.48	Hrs	Pau	ıse T	ime		0.00	Irs
		Cycl	e Runn	ing 1	ime		5.94 I	Hrs
Total Cycle (Cyc	le Runn	ing Tim	e + Pa	use 1	ime)		5.94	drs

Material

Charging Tank Readi		(3) (0) n Gauge (FT)	Temper.(°F)	I.Gal.@ °F
Start	A	13.35	46	14753
End Fill for Pressure	В	4.77	47	5272
End Pressure Period	С	4.43	47	4898
End Final Drain	D	13.03	46	14399

 Absorption & Retentions
 Imp.Gals
 Pounds
 LBS/CU.FT

 Gross Retention
 (B-C)
 374
 146
 0.14

 Net Retention
 (A-D)
 354
 138
 0.13

Pressure Treat to Refusal: ???? HRS

Operator : Foreman :



	RECORD OF PRES	SSURE TREA	TMENT C	harge No. : 2	50097
Plant : Prince G	Process: FIXATION	Preserv.Type:	CCA	Concentr.	3.97 %
Cylinder: 3		Volume :	1060 C.F.	Moisture :	23.0 %
Assay:	Specified Net Retention 0.00 pcf Gauge: 0.00 pcf	Date In (d/m/y): Date Out (d/m/y):	18/02/2025 18/02/2025	TIME IN :	TE SHOW

Operation	Start	End		Temp	er.(°F)	Run Time
Heating	7.95	8.13		1	151	0.18
Fixation	8.13	12.1	3	. 1	80	4.00
Down Time	2.20	Hrs	Pause	Time	Ka in in	0.00 Hr
		Cycl	e Running	Time	Wille	4.18 Hr
Total Cycle (Cy	cle Runni	ng Tim	e + Pause	Time)	Mile.	4.18 Hr

Time	Temper.
(Hrs)	(°F)
9.13	180
10.13	180
11.13	180
12.13	176

Operator :	Foreman :	



Penetration Report

Customer/Order#: WELCO LAC# 4161				Preserva	tive:	CCA		
Charge#	:	25-0097		Ref#:				
Product/Commodity: CSA TIMBERS				Species:				
Standard	Standard/Spec: CUST SPEC			Producti	on Date:	18/02/2025		
QTY	Class (pole) / D	imension (in.)	Length (ft.)	QTY	Class (pole) / D	Dimension (in.)	Length (ft.)	
48	3X		20				cengan (re)	
Core#	Penetration (mm)	Sapwood (mm)	Conformance	Core#	Penetration (mm)	Sapwood (mm)	Conformance	
1	10	10	100%	21				
2	10	10	100%	22				
3	11	11	100%	23			And Several State	
4	12	12	100%	24			100	
5.	11	11	100%	25	发现的主义			
6	10	10	100%	26				
7	10	10	100%	27				
8	13	13	100%	28		W 1/1		
9	11	11	100%	29				
10	12	12	100%	30				
11	10	10	100%	31			(基本是EP) (Baltis)	
12	11	11	100%	32			Pritoria de la Caracia de la C	
13	12	12	100%	33				
14	10	10	100%	34				
15	15	15	100%	35				
16	11	11	100%	36				
17 •	13	13	100%	37				
18	10	10	100%	38				
19	12	12	100%	39				
20	11	11	100%	40				
Penetrati	on (mm):	10	13	Sapwood	(mm):	10	13	
		Min	Max			Min	Max	

Comments:

MC (%):

DOA: FEB/20/2025

QC: Norm Wood/Brayden Smith

Low

Print

INSP: **Dan Spiers**

% Conformance:

Min

100%

Max



Phone: (250) 561-1161

Certificate of Treatment

This is to certify that the material described below has been pressure treated to the requirements of CSA Standards and the Best Management Practices.

Customer Name:

WELCO LUMBER CORP.

Address

4445 LOUGHEED HWY.SUITE 1001

BURNABY BC V5C0E4 CA.

Contact:

Customer's Order #: LAC-4161

SJI Order#:

20242457

Commodity:

TIMBERS

Species:

HFM

Quantity	Dimensions	Length (in feet)
48	3X12	20
	-	

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0097

Net Retention:

0.615PCF

Shipping Plant:

SJI Prince George

Date of Issuance:

FEB/21/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator

OXFURD LAB-X 2500

POLES ANALYSIS

20/2/2025 16:31

Calibration title: CCA Poles-pcf

SAMPLE ID: 250096

DENSITY = 22.7 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.16 g

%WT OXIDES %BALANCE

CRO3 = 1.330 % 48.4

CUO = 0.442 % 16.1

AS205 = 0.976 % 35.5

TOTAL = 2.748 %WT 100.0

RETENTION

CR03 = 0.302 pcf

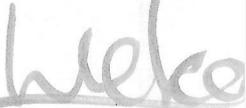
CUO = 0.100 pcf

AS205 = 0.222 pcf

TOTAL= 0.625 pcf



Plant : Prince G. Process : FULL CELL		Preserv.Type:	Concentr.	3.85 %						
Cylinder: 3	vlinder: 3 Operator:EARL				Volume: 1100 C.F.		Moisture: 23.0 %			
Assay:	Spc 0.00		Net Retenti Gauge:	ion 0.00	pcf	Date In (d/m/y):		2/2025	TIME IN	



Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
	BCH WELCO	POLES TIMBERS	WRC	1 3X12	50 20	12 96	620.0 480.0
						10 188	

Operation	Start	End	Press./Vac.	Temper.(°F)	Run Time
Initial Vacuum	16.08	16.58	24.8 "hg	45	0.50
Filling	16.58	16.75	0.0 "hg	45	0.17
Soaking	16.75	18.75	0.0 "hg	46	2.00
Vac Release	18.75	18.77	1 "hg	45	0.02
Pressure	18.77	20.27	147 PS	46	1.51
Press. Release	20.27	20.30	129. PS	46	0.03
Pump Out	20.30	20.73	0.7 PS	46	0.42
Final Vacuum	20.73	21.73	24.8 "h	48	1.00
Vac Release	21.73	21.83	-12 "hg	49	0.10
Final Strip	21.83	22.00	-0 "hạ	49	0.16
Down Time	3.75	5 Hrs	Pause	Time	0.00 Hrs
		Сус	le Running	Time	5.91 Hrs
Total Cycle (Cy	cle Runi	ning Tir	ne + Pause	Time)	5.91 Hrs

Material

Charging Tank Readi	ng	Gauge (FT)	Temper.(°F)	I.Gal.@ °F
Start	Α	13.37	45	14768
End Fill for Pressure	В	5.12	46	5661
End Pressure Period	С	4.88	45	5395
End Final Drain	D	13.08	44	14458

Absorption & Rete	Imp.Gals	Pounds	LBS/CU.F,T	
Gross Retention	(B-C)	265	109	0.10
Net Retention	(A-D)	310	128	0.12

Pressure Treat to Refusal: 1.00 HRS

Operator	Foreman:	2 72
operato.		



RECORD OF PRESSURE TREATMENT Charge No.: 250096							
Plant : Prince G	Process: FIXATION	Preserv.Type: CCA	Concentr. 3.85 %				
Cylinder: 3	accades 中枢性位置	Volume: 1100 C.F.	Moisture: 23.0 %				
Assay:	Specified Net Retention 0.00 pcf Gauge: 0.00 pcf	Date In (d/m/y): 16/02/2025 Date Out (d/m/y): 16/02/2025	TIME IN: 10.62 TIMEOUT: 15.37				

Operation	Start	End		Temp	er.(°F)	Run Time
Heating	10.62	11.07	'	1	51	0.45
Fixation	11.07	15.37	7		80	4.00
Down Time	0.08	Hrs	Pause	Time		0.30 Hrs
		Cycl	e Running	Time		4.45 Hrs
Total Cycle (Cy	cle Runni	ng Time	+ Pause	Time)		4.75 Hrs

Time	Temper.
(Hrs)	(°F)
12.07	176
13.07	180
14.37	180
15.37	180
I many	
1001112	
	111
71	

Operator:	4	Foreman:	



Penetration Report

Customer/Order#:	WELCO LAC# 4161			
Charge#:	25-0096			
Product/Commodity:	CSA TIMBERS			
Standard/Spec:	CUST SPEC			

Preservative:	CCA	
Ref#:		
Species:	HEM	
Production Date:	18/02/2025	

QTY	Class (pole) / Dimension (in.)	Length (ft.)	
96	3X12	20	
	(Terrangia de la capación de la cap		

QTY	Class (pole) / Dimension (in.)	Length (ft.)		

Core#	Penetration (mm)	Sapwood (mm)	Conformance	
1	11	11	100%	
2	13	13	100%	
3	18	18	100%	
4	10	10	100%	
5	14	14	100%	
6	15	15	100%	
7	14	14	100%	
8	15	15	100%	
9	14	14	100%	
10	10	10	100%	
11	15	15	100%	
12	10	10	100%	
13	13	13	100%	
14	15	15	100%	
15	10	10	100%	
16	21	21	100%	
17	16	16	100%	
18	17	17	100%	
19	10	10	100%	
20	18	18	100%	
enetratio	on (mm).	10	21	

Core#	Penetration (mm)	Sapwood (mm)	Conformance
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			

	Min	Max
MC (%):		
	Low	High

Sapwood (mm):	10	21	
	Min	Max	
% Conformance:	100%		

Comments:

DOA: FEB/20/2025

QC: Norm Wood/Brayden Smith

Print

INSP: Dan Spiers

Day Siers Signature



Phone: (250) 561-1161

Certificate of Treatment

This is to certify that the material described below has been pressure treated to the requirements of CSA Standards and the Best Management Practices.

Customer Name:

WELCO LUMBER CORP.

Address

4445 LOUGHEED HWY.SUITE 1001

BURNABY BC V5C0E4 CA.

Contact:

Customer's Order #: LAC-4161

20242457

SJI Order#: Commodity:

TIMBERS

Species:

HEM

Quantity	Dimensions	Length (in feet)
96	3X12	20
-		
	-	

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0096

Net Retention:

23-0090

Shipping Plant:

0.625PCF SJI Prince George

Date of Issuance:

FEB/21/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator



CCA Poles-pcf

Last restandardised 18/2/2025 11:26

OXFORD LAB-X 2500

POLES ANALYSIS

18/2/2025 18:18

Calibration title: CCA Poles-cf

SAMPLE ID: 250095

DENSITY = 26.2 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.49 g

%WT OXIDES %BALANCE

CRO3 = 1.247 % 45.9

CUO = 0.488 % 18.0

AS205 = 0.981 % 36.1

TOTAL = 2.717 %WT 100.0

RETENTION

CR03 = 0.327 pcf

CUO = 0.128 pcf

AS205 = 0.257 pcf

TOTAL= 0.712 pcf



Plant : Prince G	Process: FULL CELL	Preserv.Type: CCA		3.85 %	
Cylinder: 3	Operator: EARL	Volume: 1060 C.F.	Moisture :	22.0 %	

Specified Net Retention

Assay: 0.00 pcf Gauge: 0.00 pcf

Date In (d/m/y): 15/02/2025 Date Out (d/m/y): 15/02/2025 TIME IN: 08:11 TIME OUT: 14:07



Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
BCH	POLES TIMBERS	WRC	1 3X12	60 20	12 48	820.0 240.0
					10	, v
					V	
	всн	BCH POLES	BCH POLES WRC	BCH POLES WRC 1	BCH POLES WRC 1 60	BCH POLES WRC 1 60 12

Operation	Start	End	Press./V	ac.	Temper.(°F)	Run Time
Initial Vacuum	8.18	8.68	25.1	"hg	45	0.50
Filling	8.68	8.85	0.0	"hg	44	0.18
Soaking	8.85	10.85	0.0	"hg	45	2.00
Vac Release	10.85	10.87	1	"hg	44	0.02
Pressure	10.87	12.38	147	PSI	45	1.51
Press. Release	12.38	12.42	130.	PSI	45	0.04
Pump Out	12.42	12.87	0.7	PSI	46	0.45
Final Vacuum	12.87	13.87	24.9	"hg	48	1.00
Vac Release	13.87	13.97	-12	"hg	49	0.11
Final Strip	13.97	14.12	-0	"hg	49	0.15
Down Time	0.65	Hrs	Pai	use 1	Time	0.00 Hrs
		Сус	le Runr	ing '	Time	5.94 Hrs
Total Cycle (Cyc	le Runr	ning Tin	ne + Pa	use	Time)	5.94 Hrs

Material

Charging Tank Readi	ing	Gauge (FT)	Temper.(°F)	I.Gal.@ °F
Start	Α	12.97	46	14335
End Fill for Pressure	В	4.26	46	4706
End Pressure Period	С	3.99	46	4406
End Final Drain	D	12.69	44	14025

 Absorption & Retentions
 Imp.Gals
 Founds
 LBS/CU.FT

 Gross Retention
 (B-C)
 300
 124
 0.12

 Net Retention
 (A-D)
 310
 128
 0.12

Pressure Treat to Refusal: 1.00 HRS

Operator :	-	Foreman:	
operator.			



THE ART AND	RECORD OF PRES	SURE TREA	TMENT C	harge No.: 2	50095
Plant : Prince G	Process: FIXATION	Preserv.Type :	CCA	Concentr.	3.85 %
Cylinder: 3		Volume :	1060 C.F.	Moisture :	22.0 %
Assny:	Specified Net Retention 0.00 pcf Gauge: 0.00 pcf	Date In (d/m/y): Date Out (d/m/y):	15/02/2025 15/02/2025	TIME IN :	3550,668

Operation	Start	End		Temper.	(°F) Run Time
Heating	15.97	16.30		151	0.32
Fixation	16.30	20.30		. 180	4.00
Down Time	0.29	Hrs	Pause	Time	0.00 Hrs
		Cycle	Running	Time	4.32 Hrs
Total Cycle (C	vcle Runni	ng Time	+ Pause	Time)	4.32 Hrs

Time	Temper.
(Hrs)	(°F)
17.30	180
18.30	180
19.30	179
20.30	180
0.00	
	<u> </u>

Operator:	Foreman:	



Penetration Report

Custome		WELCO LAC#	4161	Preserva	tive:	CCA	
Charge#:		25-0095	<u> </u>	Ref#:			
Product/	/Commodity:	CSA TIMBERS		Species:		hem	
Standard	d/Spec:	CUST SPEC		Producti	on Date:	15/02/2025	
QTY	Class (pole) / D	imension (in.)	Length (ft.)	QTY	Class (pole) / D	imension (in.)	Length (ft.)
48	3x:	12	20				
Core#	Penetration (mm)	Sapwood (mm)	Conformance	Core#	Penetration (mm)	Sapwood (mm)	Conformance
1	10	10	100%	21			
2	10	10	100%	22			
3	13	13	100%	23			
4	10	10	100%	24			
5	11	11	100%	25			
6	10	10	100%	26			
7	13	13	100%	27			
8	11	11	100%	28			
9	12	12	100%	29			
10	17	17	100%	30			
11	20	20	100%	31			
12	15	15	100%	32			
13	17	17	100%	33			
14	11	11	100%	34			
15	15	15	100%	35			
16	15	15	100%	36			
17	17	17	100%	37			
18	10	10	100%	38			
19	11	11	100%	39			Alada a sa
20	13	13	100%	40			
Penetrat	ion (mm):	10	20	Sapwood	d (mm):	10	20

Comments:

MC (%):

DOA: feb/18/2025

QC: Norm Wood/Brayden Smith

INSP: Dan Spiers

Print

Low

High



% Conformance:

Min 100%



Phone: (250) 561-1161

Certificate of Treatment

This is to certify that the material described below has been pressure treated to the requirements of CSA Standards and the Best Management Practices.

Customer Name:

WELCO LUMBER CORP.

Address

4445 LOUGHEED HWY.SUITE 1001

BURNABY BC V5C0E4 CA.

Contact:

Customer's Order #: LAC-4161

SJI Order#:

20242457 **TIMBERS**

Commodity:

Species:

HEM

Quantity	Dimensions	Length (in feet)
48	3X12	20
	10.70	

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0095

Net Retention:

0.712pcf

Shipping Plant:

SJI Prince George

Date of Issuance:

feb/18/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator



OXFORD LAB X 2500

POLES ANALYSIS

18/2/2025 18:28

Calibration title: CCA Poles-pcf
WELCO-LAC-HH61

SAMPLE ID: 250094

DENSITY = 25.5 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.42 g

%WT OXIDES %BALANCE

CR03 = 1.105 % 44.9

CUO = 0.441 % 17.9

AS205 = 0.914 % 37.2

TOTAL = 2.459 %WT 100.0

RETENTION

CR03 = 0.281 pcf

CUO = 0.112 pcf

AS205 = 0.233 pcf

TOTAL= 0.626 pcf



Plant : Prince G Process : FULL CELL Preserv.Type: CCA Concentr. 4.00 % Cylinder: 3 Operator : JEFF Volume: 1100 C.F. Moisture: 23.0 % Specified Net Retention Date In (d/m/y): 14/02/2025 0.00 pcf Gauge: 0.00 pcf TIME IN : 23:55 Assay: Date Out (d/m/y):



Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet		201
5.7	BCH WELCO	POLES TIMBERS	WRC	1	50	12	620.0	Operation	Sta
	N. SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE		Dilik	3X12	20	96	480.0	Initial Vacuum	23
								Filling	0.
							888	Soaking	0.
								Vac Release	2.
								Pressure	2.
								Press. Release	4.
								Pump Out	4.
					1			Final Vacuum	4.5
								Vac Release	5.5
								Final Strip	5.6
								Down Time	(

Operation	Start	End	Press./	Vac.	Temper.(°F)	Run Time
Initial Vacuum	23.93	0.43	25.1	"hg	50	0.50
Filling	0.43	0.60	0.0	"hg	48	0.16
Soaking	0.60	2.60	0.0	"hg	48	2.00
Vac Release	2.60	2.62	1	"hg	43	0.02
Pressure	2.62	4.12	146	PSI	46	1.51
Press. Release	4.12	04.17	130.	PSI	46	0.04
Pump Out	4.17	4.57	0.7	PSI	46	0.41
Final Vacuum	4.57	5.57	25.2	"hg	48	1.00
Vac Release	5.57	05.68	-12	"hg	48	0.10
Final Strip	5.68	05.85		"hg	48	0.18
Down Time	0.00	Hrs	1807	se Ti	me (0.00 Hrs
		Cycl	e Runn	ing T	N359/50131	.92 Hrs
Total Cycle (Cyc	le Runn	ing Tim	e + Pat	use T	ime) 5	.92 Hrs

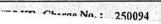
Material

Preserven	WAR	e (Califola)	Syling	光 於月數四時
Charging Tank Read	ling	BERNELL SERVICE CONTRACTOR CONTRACTOR SERVICES	Temper.(°F)	I.Gal.@ °F
Start	Α	13.36	48	14763
End Fill for Pressure	В	5.22	49	5769
End Pressure Period	С	4.85	48	5361
End Final Drain	D	12.97	46	14335

Absorption & Retentions		Imp.Gals	Pounds	LBS/CU.FT
Gross Retention	(B-C)	408	175	0.16
Net Retention	(A-D)	428	183	0.17

Pressure Treat to Refusal: ???? HRS

Operator:	_
perator	Foreman:
All tolers all the second of the second	





ant : Prince G	Process: FIXATION	SSURE TREATMENT Charge No.: 250		
ylinder: 3	MATION	Preserv.Type: CCA	La Maria de Maria de La Carta de Carta	
	Specified Net Retention 0.00 pcf Gauge: 0.00 pcf	Volume: 1100 cm	Concentr. 4.00	
Assay: 0		Date In (d/m/y): 15/02/2025	Moisture: 23.0 9	

	Start	En	-	e Sumn	SE IN	的数数型,
Heating	7.35	7.70			Temper.(°	F) Run Tim
Fixation 7.70	11.7	_		150	0.36	
		17.7	-		180	4.00
Down Time	0.30	Hrs		Pause Tin	10000	
otal Cycle (Cyc		Cvcl	e R		-	0.00 Hrs

Temper.
(°F)
174
180
179
171

Operator:		
	Foreman:	



Signature

Penetration Report

Customer/C		WELCO LAC#		Ref#:	tive:	CCA	
harge#:	#: 25-0094 ct/Commodity: CSA TIMBERS						
							C. Sandan
tandard/Sp	pec:	CUST SPEC		Production	on Date:	15/02/2025	
QTY	Class (pole) / Di	mension (in.)	Length (ft.)	QTY	Class (pole) / D	imension (in.)	Length (ft
96	3x1	2	20				
Core# Po	enetration (mm)	Sapwood (mm)	Conformance	Core#	Penetration (mm)	Sapwood (mm)	Conformar
1	10	10	100%	21			
2	11	11	100%	22			
3	10	10	100%	23			
4	10	10	100%	24			
5	10	10	100%	25		The first of the second	
6	14	14	100%	26			
7	11	11	100%	27			
8	12	12	100%	28			
9	10	10	100%	29			
10	14	14	100%	30			
11	23	23	100%	31			
12	10	10	100%	32			
13	15	15	100%	33			
14	16	16	100%	34			
15	21	21	100%	35			
16	11	11	100%	36			
17	16	16	100%	37			
18	10	10	100%	38			
19	10	10	100%	39			
20	13	13	100%	40			
enetration	(mm):	10	23	Sapwood	d (mm):	10	23
		Min	Max			Min	Max
ис (%):			High	% Confo	rmance:	100%	

DOA: feb/18/2025

QC: Norm Wood/Brayden Smith

INSP: Dan Spiers

Print



Phone: (250) 561-1161

Certificate of Treatment

This is to certify that the material described below has been pressure treated to the requirements of CSA Standards and the Best Management Practices.

Customer Name:

WELCO LUMBER CORP.

Address

4445 LOUGHEED HWY.SUITE 1001

BURNABY BC V5C0E4 CA.

Contact:

Customer's Order #: LAC-4161

SJI Order#:

20242457

Commodity:

TIMBERS

Species:

HFM

Dimensions	Length (in feet)
3X12	20
-	
	and the second s

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0094

Net Retention:

0.626pcf

Shipping Plant:

SJI Prince George

Date of Issuance:

feb/18/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator