

ORIGINAL



Treated Wood INSPECTION AND SPECIFICATION REPORT

No.	1507					
Client:	WELCO	Customer:	Lacombe			
Location:	Stella-Jones Inc.	Transportation:	Truck			
Date:	March 7, 2025	Destination:	BC			
Mark:	CSI - one end	Customer's No.:	LAC 2024161 - last			
I the unders	igned, a licensed Inspector of Canadi	ian Softwood Inspection Agency, Inc., hereby	v certify that I			
	ave inspected and tallied 360	pieces, containing	21,600 FBM as manifested			
below accord	ding to the rules contained in	NLGA*	NLGA*; MFR spec.			
and that the	same was in good condition at time o	of inspection I	Mar 4, 2025			
authorized repres	not valid unless countersigned by an sentative.	Dan S	Spiers - in person			
			Inspector			
Countersign	ed	Dank Cont.	March 7, 2025			
		anadian Softwood Inspection Agency, Inc.	Date			

Quantity	Size / Class	Length	Quantity	Size / Class	Length	Quantity	Size / Class	Length
NO	1 STRUCTUI		NO 2 &	BTR STRUC	TURAL			
360	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: Hemlock Timbers Client: WELCO LUMBER CORP.			-	ırchase Order pecification:	•				lo.:	_	1									
Mar	nuf. And L	.ocation.		ella Jones ince Georg	se R	C		Ма	eatment Spec anuf. P / O No easoning (MC9	. :						Da	ate:		M	ar042025
Des	tination:			mee Georg	,υ, Δ			- 00	acoming (wo	Max										
Frai	med To D	rawing:		YES	Inci	sed: Y	ES			Ave	:					C	harge	No.:		
			DI	NIETD AT	ION	DECIL	ro -			I		M	ATE) T A	TT	NICD	ECTI	7 D		
17	Inning 7	7000	PE	ENETRAT		mm	15			Dranna			LOWR				IEPING	չ D		
l	Incised Z		•		_	mm eighths				Process:			FULL C			_	FUSAL			
	DEPTH SAPWOOL	L	DEPTH PEN	% SAP SAPWOOD		DEPTH SAPWOOD		DEPTH PEN	% SAP SAPWOOD	ITEM		NO. OF PIE		SIZE/			LENGTH			Lineal Fbm
1					1		+			LAC - 41	61		$\overline{}$			+		$\overline{}$		
2					2		\top			HEMLO	CK	360		3 2	X (12	20	\neg	2	1600
3					3					TIMBER	S			2	X					0
4					4		+-						\rightarrow	_	X	\perp		\perp		0
5		_			5		+-						\rightarrow	_	X	+		+		0
7		_			6		+						\rightarrow	_	X X	+		+		0
8					8		+-						-	-	^ X	+		+		0
9					9		+						\dashv	_	X	+		+		0
0		\top			0		+						\dashv	_	X	\top		\top		0
1					1		\top						\neg	7	x	\neg		\top		0
2					2									2	X					0
3					3										X					0
4					4								_	_	X	_		_		0
PLEASE NOTE THAT CSI DOES NOT TEST CARRIERS OF PRESERVATIVES.							\rightarrow	_	X	+		+		0						
				ENTATIONS									\rightarrow	_	X X	+		+		0
									HIS REPORT				+	_ 4	^	+		+		<u> </u>
				D UPON TO I					EGARDING RIERS USED											
1111	2001110	/ILINO		THE TEST				IL OAK	MILINO GOLD	,	TRE	CATABL	E CUB	IC F	EE'	T IN (CHAR	GE:	2	1600
				PRESEI	RVA	TIVE				TREATING CYCLE SUMMARY										
	Creosote)			V	CCA				Stage		TIME	MAX.	TEMF	P.	MAX. P	RESS.	VACI	JUM	CONDEN.
	Pentachl	lorophei	nol			ACQ				Pre-condition										
	ACZA					50/50 mix				Initial Vacuum										
			R	ETENTIO	N B	Y ASSAY	Z			Bath										
REQ	UIRED:	0.25	-	☑ 0.40		0.60		1 0	lbs	Boil In Oil										
		INCISE	D ZONE		1	NC	N-INCI	SED ZON	NE	Initial Air										
	Outer			Inner		.110			-	Pressure										
										Exp Bath										
										Final vacuum										
			R	ETENTIO	N B	Y GAUG	E			Steam / Fix										
REQ	UIRED:			GALS	. RET	AINED			GALS.	TOTAL TIME F	OR T	REATING						hrs		
REQ	UIRED:			pcf	RET	AINED			pcf	MARKING ON	ACCE	EPTED PIE	CES:	C	S		5N	☑ Ye		□ No
										REMARKS				_				_		
										LA	C #	4161 i	s co	npl	ete	ed 10)80 H	emlo	ck T	imbers
				RUNNIN	G T															
	OF PIECES					1080			_											
	EVIOUSLY A					720			_											
	EPTED TH					360			_			Insp	Jec.	to	r -	ח.	an (Sni	2rc	
101	AL ACCEP	ובט וט D≀	AIE:			1080			_	<u> </u>		1113	,		•		<u> </u>	יואי	. i J	

OXFORD LAB-X 2500

POLES ANALYSIS

3/3/2025 16:13

Calibration title: CCA Poles-pcf
WELCO ~LAC ~ 4/6/

SAMPLE ID: 250132

DENSITY = 26.7 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.54 g

%WT OXIDES %BALANCE

CR03 = 1.589 % 47.5

CUO = 0.562 % 16.8

AS205 = 1.191 % 35.6

TOTAL = 3.342 %WT 100.0

RETENTION

CR03 = 0.425 pcf

CUO = 0.150 pcf

AS205 = 0.318 pcf

TOTAL= 0.893 pcf



RECORD OF PRESSURE TREATMENT Charge No.: 250132

Preserv.Type: CCA Concentr. 3.80 % Plant : Prince G. Process : FULL CELL Cylinder: 3 Operator: Mark Volume : 1062 C.F. Moisture : 22.0 % Specified Net Retention TIME IN : 20:49

Absorption & Retentions

Gross Retention

Net Retention

(B-C)

(A-D)

0.00 pcf Gauge: 0.00 pcf Assay:

28/02/2025 Date In (d/m/y): Date Out (d/m/y): 01/03/2025 TIME OUT: 00:46

Imp.Gals

630

492

Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
4161	Atco WELCO	Poles Timbers	WRC	4 3x12	45 20	20 96	582.0 480.0
							200
				Altonia.			10 m

Operation	Start	End	Press./\	ac.	Tempe	r.(°F)	Run 7	Гime
Initial Vacuum	20.82	21.32	24.0	"hg	5	8	0.	50
Filling	21.32	21.48	0.0	"hg	5	9	0.	17
Soaking	21.48	21.48	0.0	"hg	5	9	0.	00
Vac Release	21.48	21.50	1	"hg	5	9	0.	02
Pressure	21.50	23.00	145	PSI	6	1	1.	51
Press. Release	23.00	23.05	130.	PSI	6	1	0.	04
Pump Out	23.05	23.47	0.0	PSI	6	1	0.	42
Final Vacuum	23.47	0.47	24.0	"hg	6	1	1.	.00
Vac Release	0.47	00.57	-12	"hg	€	2	0.	10
Final Strip	0.57	00.77	0	"hg	6	2	0.	19
Down Time	0.05	Hrs	Pa	use 1	Time		0.00	Hrs
		Сус	le Runr	ing '	Time		3.94	Hrs
Total Cycle (Cyc	cle Runi	ning Tin	ne + Pa	use	Time)		3.94	Hrs

Material

Pounds

256

200

LBS/CU.FT

0.24

0.19

Charging Tank Readi	ng	Gauge (FT)	Temper.(°F)	I.Gal.@ °F
Start	Α	13.37	61	14768
End Fill for Pressure	В	5.03	61	5562
End Pressure Period	С	4.46	60	4932
End Final Drain	D	12.92	60	14276

Pressure Treat to Refusal: 1.50 HRS

Operator	Foreman :_	
- p		



Plant : Prince G	RECORD OF PRE	STALL SHEET COLLEGE OF THE STALL SHEET		narge No.: 250132
Cylinder: 3	TIXATION	Preserv. Type :	Concentr. 3.80	
	Specified Net Retention	Volume :	1062 C.F.	Moisture: 22.0 %
Assay:	0.00 pcf Gauge: 0.00 pcf	Date In (d/m/y): Date Out (d/m/y):	01/03/2025 01/03/2025	TIME IN: 6.0

Operation	Start	End	le Sun	ACCOUNT OF THE PARTY		17年1月15日	
Heating	6.68	6.92			per.(°F)		
Fixation	6.92	10.9		-	150	0.25	
	0.02	10.9.	-	-	180	4.00	
Down Time	0.38	Hrs	Pause	Time		0.00.44	
		Cycle	Running		42	0.00 Hrs	

Time	Temper
(Hrs)	(°F)
7.92	174
8.92	180
9.92	180
10.92	180

perator:			
	Foreman:		

35 A

1



Prince George Operation
7177 Pacific St, Prince George, BC
250-561-1161

Penetration Report

Customer/Order#:	WELCO LAC# 4161
Charge#:	25-0132
Product/Commodity:	CSA TIMBERS
Standard/Spec:	CUST SPEC

CCA	
HEM	
1/3/2025	
	HEM

QTY	Class (pole) / Dimension (in.)	Length (ft.)
96	3X12	20

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

Core#	Penetration (mm)	Sapwood (mm)	Conformance
1	10	10	100%
2	12	12	100%
3	12	12	100%
4	31	31	100%
5	18	18	100%
6	17	17	100%
7	10	10	100%
8	18	18	100%
9	15	15	100%
10	10	10	100%
11	11	11	100%
12	10	10	100%
13	13	13	100%
14	14	14	100%
15	15	15	100%
16	12	12	100%
17	11.	11	100%
18	13	13	100%
19	18	18	100%
20	25	25	100%
enetra	tion (mm):	10	25

Core#	Penetration (mm)	Sapwood (mm)	Conformance
21			
22			
23			
24			
25	management of the control of the con		aneros sus versos en en en el como de la com
26			
27			
28			
29			
30			
31			
32			
33			
34	2.70.4		
35			And the second of the
36			
37			
38			
39			ZETTERATE.
40			

Penetration (mm):	10	25
	Min	Max
MC (%).		

High

 Sapwood (mm):
 10
 25

 Min
 Max

 % Conformance:
 100%

Comments:

DOA: MAR/03/2025

QC: Norm Wood/Brayden Smith

Print

INSP: Dan Spiers

Son Spiers Rignature



7177 Pacific Street, Prince George, BC V2N 5S4

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 #

25-0132

Net Retention:

0.893PCF

Shipping Plant:

SJI Prince George

Date of Issuance:

MAR/03/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator

Satt P

Ryan Booth Plant Manager

OXFERD LAB-X 2500

POLES ANALYSIS

28/2/2025 14:26

Calibration title: CCA Poles-pcf
WELOO LAC#4/6/

SAMPLE ID: 250126

DENSITY = 24.8 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.36 g

%WT OXIDES %BALANCE

CR03 = 1.501 % 46.0

CUO = 0.561 % 17.2

AS205 = 1.201 % 36.8

TOTAL = 3.262 %WT 100.0

0.373 pcf

RETENTION

CR03 =

CUO = 0.139 pcf

AS205 = 0.298 pcf

TOTAL= 0.810 pcf



RECORD OF PRESSURE TREATMENT Charge No.: 250126

Plant : Prince G. Process : FULL CELL Preserv.Type: CCA Concentr. 2.77 % Cylinder: 3 Operator:EARL Volume: 1103 C.F. Moisture: 22.0 %

Specified Net Retention

0.00 pcf Gauge: Assay: 0.00 pcf

Date In (d/m/y): Date Out (d/m/y):

26/02/2025 27/02/2025 TIME IN: 23:34

Material

TIME OUT: 03:31



Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
	TEL WELCO	POLES TIMBERS	WRC	3 3X12	35 20	38 48	863.0 240.0

Operation	Start	End	Press./Vac.	Temper.(°F)	Run Time
Initial Vacuum	23.57	0.07	23.7 "hg		0.50
Filling	0.07	0.23	0.0 "hg	62	0.17
Soaking	0.23	0.23	0.0 "hg		0.00
Vac Release	0.23	0.25	1 "hg		0.02
Pressure	0.25	1.77	144 PSI	64	1.51
Press. Release	1.77	01.82	130. PSI	64	0.05
Pump Out	1.82	2.23	0.0 PSI	95700	0.42
Final Vacuum	2.23	3.23	23.4 "hg	65	1.00
Vac Release	3.23	03.33	0 "hg	2000000	0.10
Final Strip	3.33	03.52	0 "hg		0.19
Down Time	0.49	Hrs	Pause 1		0.00 Hrs
			Running	Time 3	3.94 Hrs
Total Cycle (Cycl	e Runn	ing Tim	e + Pause 1	Time) 3	3.94 Hrs

Preservative Referrion Summary **Charging Tank Reading** Gauge (FT) Temper.(°F) I.Gal.@ °F Start 13.37 63 14768 End Fill for Pressure B 5.36 64 5927 **End Pressure Period** 4.75 63 5252 **End Final Drain** 12.89 62 14241

Pressure Treat to Refusal: ???? HRS

Absorption & Retentions		35		
	THE SHADOW COURT OF A	Imp.Gals	Pounds	LBS/CU.FT
Gross Retention	(B-C)	674	200	0.18
Net Retention	(A-D)	526	156	0.10

Operator :	Foreman:
	. o. citiati ;



RECORD OF PRESSURE TREATMENT Charge No.: 250126 Plant : Prince G Process: FIXATION Preserv.Type: CCA Concentr. 2.77 % Cylinder: 3 Volume: 1103 C.F. 22.0 % Moisture : Specified Net Retention Date In (d/m/y): 27/02/2025 0.00 pcf Gauge: 0.00 pcf TIME IN : Assay: 6.95 Date Out (d/m/y): 27/02/2025 TIME OUT:

Start	End		Temper.(°F)	Run Time	
6.95	7.38		150	0.43	
7.38	11.38	180		4.00	
4.19	Hrs	Pause T	ime	0.00 Hrs	
	Cycle	Running T	. The second second	4.43 Hrs	
	6.95 7.38	6.95 7.38 7.38 11.38 4.19 Hrs	6.95 7.38 7.38 7.38 11.38 Pause T	6.95 7.38 150 7.38 11.38 180 4.19 Hrs Pause Time	

(°F) 175
180
180
180

0		
Operator :	Foreman:	



Norm Wood/Brayden Smith

Dan Spiers Print

QC: INSP:

Prince George Operation 7177 Pacific St, Prince George, BC 250-561-1161

Signature

Penetration Report

		WELCO LAC#	4161	Preservative:	CCA	
Charge#		25-0126		Ref#:		
		CSA TIMBERS		Species:	HEM	
Standar	d/Spec:	CUST SPEC		Production Date:	27/02/2025	
QTY	Class (pole) / D	imension (in.)	Length (ft.)	QTY Class	(pole) / Dimension (in.)	Length (ft.)
48	3X1	12	20		The state of the s	
Core#	经过于企业的企业的企业的企业的企业的企业的企业	Sapwood (mm)	Conformance	Core# Penetrat	ion (mm) Sapwood (mm)	Conformance
1	13	13	100%	21		
2	15	15	100%	22		
3	16	16	100%	23		
4	17	17	100%	24		
5	17	17	100%	25		
6	11	11	100%	26		
7	18	18	100%	27		
8	16	16	100%	28		
9	17	17	100%	29		
10	12	12	100%	30		
11	15	15	100%	31		走送 题之(4)
12	15	15	100%	32		20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -
13	15	15	100%	33		
14	13	13	100%	34		
15	15	15	100%	35		
16	14	14	100%	36		
17	13	13	100%	37		ALC: NO.
18	12	12	100%	38		
19	11	11	100%	39		23410000000
20	10	10	100%	40		
Penetrati	on (mm):	10	18	Sapwood (mm):	10	18
ИС (%):		Min	Max	% Conformance:	Min 100%	Max
Commen	ts:	Low	High		100/0	
						11
DOA:		EB/28/2025		()<	2 1	



7177 Pacific Street, Prince George, BC V2N 5S4

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)
48	3X12	20
	-	
	1	

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0126

Net Retention:

0.808pcf

Shipping Plant:

SJI Prince George

Date of Issuance:

feb/28/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator

Ryan Booth Plant Manager

OXFORD LAB-X 2500

POLES ANALYSIS

28/2/2025 14:34

Calibration title: CCA Poles-pcf
WELCO -LAC-#4/61

SAMPLE ID: 250127

DENSITY = 26.5 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.52 g

%WT OXIDES %BALANCE

CRO3 = 1.273 % 47.3

CUO = 0.453 % 16.8

AS205 = 0.969 %

36.0

TOTAL = 2.695 %WT 100.0

RETENTION

CR03 = 0.338 pcf

CUO = 0.120 pcf

AS205 = 0.257 pcf

TOTAL= 0.715 pcf



RECORD OF PRESSURE TREATMENT Charge No.: 250127

Plant : Prince G Process : FULL CELL Preserv. Type : CCA 3.70 % Concentr. Cylinder: 3 Operator:JEFF Volume: 1062 C.F. 23.0 % Moisture : Specified Net Retention Date In (d/m/y): 27/ 02/ 2025 TIME IN : 07:50 0.00 pcf Gauge: 0.00 pcf Assay:

Absorption & Retentions

(B-C)

(A-D)

Gross Retention

Net Retention

		Assay:	0.00 pcf	Gauge: 0.00	pcf	Date Out (d/m/y):	27/ 02/ 202
Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
	ATCO WELCO	POLES TIMBERS	WRC DFIR	4 3X12	45 20	20 96	582.0 480.0
			ie				
POSSIBLE SERVICE	A SECTION OF LOCATION 1	1000 + 94014// D					

Operation	Start	End	Press./\	ac.	Tem	per.(°F)	Run Time
Initial Vacuum	7.83	8.33	24.1	"hg		58	0.50
Filling	8.33	8.50	0.0	"hg		59	0.18
Soaking	8.50	8.50	0.0	"hg		59	0.00
Vac Release	8.50	8.52	1	"hg		59	0.02
Pressure	8.52	10.03	144	PSI	E	62	1.51
Press. Release	10.03	10.07	130.	PSI		62	0.05
Pump Out	10.07	10.52	0.0	PSI		62	0.45
Final Vacuum	10.52	11.52	23.9	"hg		61	1.00
Vac Release	11.52	11.62	-12	"hg		61	0.10
Final Strip	11.62	11.80	-0	"hg		61	0.18
Down Time	0.06	Hrs	Pau	se T	ime		0.00 Hrs
		Cycl	e Runn	ing T	ime	112	3.97 Hrs
Total Cycle (Cyc	le Runn	ing Tim	e + Pac	ıse T	ime)	特殊化	3.97 Hrs

Material

Pounds

240

203

LBS/CU.FT

0.23

0.19

Imp.Gals

605

511

TIME OUT: 11:48

Processing Charging Tank Readi	ng	NUMBER OF STREET AND S	Temper.(°F)	I.Gal.@ °F
Start	A	13.37	63	14768
End Fill for Pressure	В	4.86	63	5370
End Pressure Period	С	4.31	62	4765
End Final Drain	D	12.90	62	14256

Pressure	Treat to	o Refusal:	????	HRS

Operator: Foreman:



y

HORE	RECORD OF PRES	SURE TREATMI	ENT C	harge No. :	250127
Plant : Prince G	Process: FIXATION	Preserv.Type : CCA	法语	Concentr.	3.70 %
Cylinder: 3		Volume: 1062	C.F.	Moisture :	23.0 %
Assay:	Specified Net Retention 0.00 pcf Gauge: 0.00 pcf		02/2025 02/2025	TIME IN	: 13.38 : 17.73

Operation	Start	End		Temper	.(°F)	Run Time
Heating	13.38	13.73	3	15	0	0.35
Fixation	13.73	17.7	3	. 18	0	4.00
Down Time	0.15	Hrs	Pause	Time		0.00 Hrs
		Cycl	e Running	Time		4.35 Hrs
Total Cycle (Cy	cle Runni	ng Tim	e + Pause	Time)		4.35 Hrs

Time	Temper
(Hrs)	(°F)
14.73	175
15.73	180
16.73	180
17.73	180
	Sec. 1

Operator:	Foreman :



Prince George Operation ¹
7177 Pacific St, Prince George, BC 250-561-1161

Penetration Report

Customer/Order#:	WELCO LAC# 4161			
Charge#:	25-0127			
Product/Commodity:	CSA TIMBERS			
Standard/Spec:	CUST SPEC			

Preservative:	CCA	
Ref#:		
Species:	HEM	
Production Date:	27/02/2025	

QTY	Class (pole) / Dimension (in.)	Length (ft.)		
96	3X12	20		

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

Core#	Penetration (mm)	Sapwood (mm)	Conformance		
1	13	13	100%		
2	12	12	100%		
3	25	25	100%		
4	11	11	100%		
5	11	11	100%		
6	10	10	100%		
7	12	12	100%		
8	13	13	100%		
9	17	17	100%		
10	20	20	100%		
11	17	17	100%		
12	11	11	100%		
13	16	16	100%		
14	12	12	100%		
15	13	13	100%		
16	17 17 17 13 13 13 13 13 13 13 13 13 13 13 13 13	17	100%		
17		13	100%		
18	11	11	100%		
19	10	10	100%		
20	10	10	100%		
-	W STRANDED SERVICE ACTUAL TO SERVICE	10	25		

Core#	Penetration (mm)	Sapwood (mm)	Conformance
21			
22			
23			
24			
25		100	
26			
27	PARSON SERVICES		
28			
29			
30	100 Table 1		
31	Action to the second		
32			
33			
34			
35			
36			
37			
38			
39	Water Street		
40			

Penetration (mm):	10	25
	Min	Max
MC (%):		
	Low	High

Sapwood (mm):	10	25
	Min	Max
% Conformance:	100%	

Comments:

DOA: FEB/28/2025

QC: Norm Wood/Brayden Smith

INSP: Dan Spiers

Print

Bon June



7177 Pacific Street, Prince George, BC V2N 5S4

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

. Dri

SJI Order#:

20242457

Commodity:

Species:

TIMBERS HEM

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

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0127

Net Retention:

0.808PCF

Shipping Plant:

SJI Prince George

Date of Issuance:

FEB-28-2025

Norm Wood/Brayden Smith Quality Control Co-ordinator

Ryan Booth Plant Manager

OXFORD LAB-X 2500

POLES ANALYSIS

28/2/2025 15:43

Calibration title: CCA Poles-pcf

LAC-#4/61 - WELCO

SAMPLE ID: 250128

DENSITY = 25.5 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.42 g

%WT OXIDES %BALANCE

CR03 = 0.912 %

CUO = 0.338 % 17.2

AS205 = 0.708 %

TOTAL = 1.957 %WT 100.0

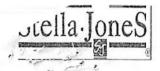
RETENTION

CR03 = 0.232 pcf

CU0 = 0.086 pcf

AS205 = 0.180 pcf

TOTAL= 0.498 pcf



RECORD OF PRESSURE TREATMENT Charge No.: 250128

Date Out (d/m/y):

27/02/2025

Imp.Gals

531

457

Plant : Prince G Process : FULL CELL Preserv.Type : CCA Concentr. 3.95 %

Cylinder : 3 Operator : JEFF Volume : 1051 C.F. Moisture : 23.0 %

Specified Net Retention Date In (d/m/y): 27/02/2025 TIME IN : 13:48

Absorption & Retentions

(B-C)

(A-D)

Gross Retention

Net Retention

Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
	TELUS	POLES TIMBERS	WRC DFIR	3 3X12	35 20	41 24	931.0 120.0
				100			
				,			1 1 100
							5 20

Assay:

0.00 pcf Gauge: 0.00 pcf

Operation	Start	End	Press./V	ac.	Temper.(°F)	Run Time
Initial Vacuum	13.80	14.30	23.8	"hg	61	0.50
Filling	14.30	14.47	0.0	"hg	61	0.18
Soaking	14.47	14.47	0.0	"hg	61	0.00
Vac Release	14.47	14.48	1	"hg	61	0.02
Pressure	14.48	16.00	145	PSI	62	1.51
Press. Release	16.00	16.03	130.	PSI	62	0.04
Pump Out	16.03	16.48	0.0	PSI	62	0.45
Final Vacuum	16.48	17.48	23.9	"hg	62	1.00
Vac Release	17.48	17.58	-12	"hg	61	0.10
Final Strip	17.58	17.73	-0	"hg	61	0.16
Down Time	0.96	Hrs	Pai	use 1	'ime	0.00 Hrs
	100	Сус	e Runn	ing '	Time	3.94 Hrs

Material

Pounds

225

194

LBS/CU.FT

0.21

0.18

TIME OUT: 17:44

Preservativ	e R	etention	Summa	Try State
Charging Tank Readi	ing	Gauge (FT)	Temper.(°F)	I.Gal.@ °F
Start	A	13.36	62	14758
End Fill for Pressure	В	4.84	63	5346
End Pressure Period	С	4.36	62	4814
End Final Drain	D	12.94	62	14301

Pressure Treat to Refusal: 1.50 HRS

Operator	Foreman :	15.8



Plant : Prince G	RECORD OF PRE	e VO. 2014, CONCLUDE CONCLUD CONCLUDE CONCLUDE CONCLUDE CONCLUDE CONCLUDE CONCLUDE CONCLUDE C		or company of the contraction
Cylinder: 3	Edda	Preserv.Type :	CCA	Concentr. 3.95 %
	Specified Net Retention	Volume :	1051 C.F.	Meisture: 23.0 %
Assay:	0.00 pcf Gauge: 0.00 pcf	Date In (d/m/y):	27/02/2025	TIME IN : 20.98
	per per	Date Out (d/m/y):	28/02/2025	TIME OUT: 1.3

Operation	Start	End	le Sum	CARL STORAGE	per.(°F)	Run Tim
Heating	20.98	21.32			150	0.32
Fixation	21.32	1.32		_	182	4.00
Down Time	0.19	Hrs	Pause 1	ime	44	0.00 Hr
Down Time	0.19		Pause 1		PRODUCTOR	0.00

Time	Temper.
(Hrs)	(°F)
22.32	180
23.32	180
0.32	182
1.32	182
_	
	7/

Foreman ·	
	Foreman :



Prince George Operation 7177 Pacific St, Prince George, BC 250-561-1161

Penetration Report

Customer/Order#:	WELCO LAC# 4161
Charge#:	25-0128
Product/Commodity:	CSA TIMBERS
Standard/Spec:	CUST SPEC

Preservative:	CCA	-27-41770-2-517-18-52
Ref#:		
Species:	HEM	
Production Date:	27/02/2025	

Class (pole) / Dimension (in.)	Length (ft.)
3X12	20

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

Core#	Penetration (mm)	A LONG TO A CONTRACT OF THE PARTY OF THE PAR	Conformance	
1	13	13	100%	
2	18	18	100%	
3	25	25	100%	
4	11	11	100%	
5	20	20	100%	
6	18	18	100%	
7	13	13	100%	
8	13	13	100%	
9	23	23	100%	
10	13	13	100%	
11	17	17	100%	
12	18	18	100%	
13	11	11	100%	
14	15	15	100%	
15	15	15	100%	
16	16	16	100%	
17	10	10	100%	
18	13	13	100%	
19	10	10	100%	
20	18	18	100%	
enetrat	ion (mm):	10	25	

Core#	Penetration (mm)	Sapwood (mm)	Conformance
21			
22		The state of the s	
23			
24			,
25			
26			
27			
28		and the same	
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			

Penetration (mm):	10	25
	Min	Max
MC (%):		

High

 Sapwood (mm):
 10
 25

 Min
 Max

 % Conformance:
 100%

Comments:

DOA: FEB/28/2025

QC: Norm Wood/Brayden Smith

Print

INSP: Dan Spiers

Dan Suer's



7177 Pacific Street, Prince George, BC V2N 5S4

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

п. Ц

SJI Order#: Commodity: 20242457 TIMBERS

Species:

HEM

Quantity	Dimensions	Length (in feet)
24	3X12	20
The second secon		

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0128

Net Retention:

0.498PCF

Shipping Plant:

SJI Prince George

Date of Issuance:

FEB-28-2025

Norm Wood/Brayden Smith Quality Control Co-ordinator Bouth

Ryan Booth Plant Manager

OXFORD LAB-X 2500

POLES ANALYSIS

3/3/2025 15:56

Calibration title: CCA Poles-pcf-4/K/.

SAMPLE ID: 250129

DENSITY = 26.1 pcf

Bit diameter = 0.196 in

Boring length = 12.00 in

Mass = 2.48 g

%WT OXIDES %BALANCE

CR03 = 1.454 % 47.3

CUO = 0.514 % 16.7

AS205 = 1.109 % 36.0

TOTAL = 3.077 %WT 100.0

RETENTION

CR03 = 0.380 pcf

CUO = 0.134 pcf

AS205 = 0.289 pcf

TOTAL= 0.803 pcf



RECORD OF PRESSURE TREATMENT Charge No.: 250129

Plant : Prince G. Process : FULL CELL		Preserv.Type: CCA			Concentr.	3.62 %				
Cylinder: 3	Operator	r:EA	.RL			Volume:	1000	C.F.	Moisture :	22.0 %
Specified Net Retention Assay: 0.00 pcf Gauge: 0.00 pcf			Date In (d/m/y): Date Out (d/m/y):		2/2025 2/2025	TIME IN				

Absorption & Retentions

(B-C)

(A-D)

Gross Retention

Net Retention

Order#	Customer	Product	Species	Size/Class	Length	Pieces/FBM	Cubic Feet
	BCH BCH WELCO	POLES POLES TIMBERS	WRC WRC DF	2 3 3X12	45 45 20	11 3 96	420.0 100.0 480.0
	1						

Operation	Start	End	Press./V	ac.	Temper.(°F)	Run Time
Initial Vacuum	0.10	0.60	24.7	"hg	50	0.50
Filling	0.60	0.77	0.0	"hg	55	0.17
Soaking	0.77	0.77	0.0	"hg	55	0.00
Vac Release	0.77	0.80	1	"hg	56	0.02
Pressure	0.80	2.30	145	PSI	61	1.51
Press. Release	2.30	02.33	130.	PSI	61	0.04
Pump Out	2.33	2.77	0.0	PSI	61	0.43
Final Vacuum	2.77	3.77	24.1	"hg	61	1.00
Vac Release	3.77	03.87	-12	"hg	62	0.10
Final Strip	3.87	04.05	0	"hg	62	0.18
Down Time	0.20) Hrs	Pau	ıse T	'ime	0.00 Hrs
		Сус	le Runn	ing 1	Time	3.95 Hrs
Total Cycle (Cyc	le Runi	ning Tin	ne + Pa	use 1	Time)	3.95 Hrs

Material

Pounds

246

218

LBS/CU.FT

,0.25

0.22

Imp.Gals

635

561

Charging Tank Readi	ng	Gauge (FT)	Temper.(°F)	I.Gal.@ °F
Start	Α	13.37	62	14768
End Fill for Pressure	В	4.81	63	5316
End Pressure Period	С	4.24	62	4681
End Final Drain	D	12.86	61	14207

Pressure Treat to Refusal: 1.50 HRS

perator :	Foreman:
	The state of the s



Plant : Prince G	Process: FIXATION	AT THE WAR PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSO	TMENT C	narge No.: 250129
Cylinder: 3	TIMESS: FIXATION	Preserv.Type:	CCA	Concentr. 3,62 9
A STATE OF THE STATE OF	Specified Net Retention	Volume:	1000 C.F.	Moistere: 22.0 9

Operation	Start	End		Sim	CON 1 10 TO	er.(°F)	Run Time
Heating	7.25	7.6	5			150	0.40
Fixation	7.65	11.6	5			180	4.00
Down Time	3.29	Hrs		Pause Ti	me		0.00 Hrs
		Cycl	e F	Running Ti	me		1.40 Hrs
Total Cycle (Cy	cle Runni	ng Tim	e +	Pause Tir	ne)	N TON JOH	.40 Hrs

Time	Tempe
(Hrs)	(°F)
8.65	177
9.65	180
10.65	180
11.65	180

Operator:	
	Foreman:

РМ



Prince George Operation 7177 Pacific St, Prince George, BC 250-561-1161

Penetration Report

Customer/Order#:	WELCO LAC# 4161
Charge#:	25-0129
Product/Commodity:	CSA TIMBERS
Standard/Spec:	CUST SPEC

Preservative:	CCA	
Ref#:		
Species:	HEM	
Production Date:	1/3/2025	

QTY Class (pole) / Dimension (in.)		Length (ft.)	
96	3X12	20	
And the second			
		5 (1 d) 1 d d d d d d d d d d d d d d d d d	
	•	The second secon	
	的。 第一章	4.00	

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

Core#			
A SECTION PROPERTY.	Penetration (mm)	The state of the s	Conformance
1	11	10	100%
2	12	12	100%
3	10	12	100%
4	10	31	100%
5	13	18	100%
6	12	17	100%
7	18	10	100%
8	12	18	100%
9	11	15	100%
10	13	10	100%
11	15	11	100%
12	10	10	100%
13	16	13	100%
14	15	14	100%
15	11	15	100%
16	13	12	100%
17	15	11	100%
18	35	13	100%
19	18	18	100%
20	17	25	100%
netrati	ion (mm):	10	35

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			

Penetration (mm):	10	35
	Min	Max
MC (%):		

High

 Sapwood (mm):
 10
 35

 Min
 Max

 % Conformance:
 100%

Comments:

DOA: MAR/03/2025

QC: Norm Wood/Brayden Smith

Print

INSP: Dan Spiers

Day Signature



7177 Pacific Street, Prince George, BC V2N 5S4

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#: Commodity:

20242457 **TIMBERS**

Species:

HEM

Quantity	Dimensions	Length (in feet)
96	3X12	20

Treating Plant:

SJI Prince George

Preservative:

CCA

Charge #

25-0129

Net Retention:

0.803PCF SJI Prince George

Shipping Plant: Date of Issuance:

MAR/03/2025

Norm Wood/Brayden Smith Quality Control Co-ordinator

Ryan Booth Plant Manager