

South 32 Marradong - Primary

Conveyor Name/No.: OLC

Splice XX-YY

Installation Date

7-Feb-12

Date Last Tested

18-Aug-20

Calibration Thickness

21

Temperature

16

Original Belt Thickness (mm)

21.5

Velocity

1574

Orig. Top Cover Thickness (mm)

8.0

Belt Spec.

ST3500

Position Tested

2m after splice NN9

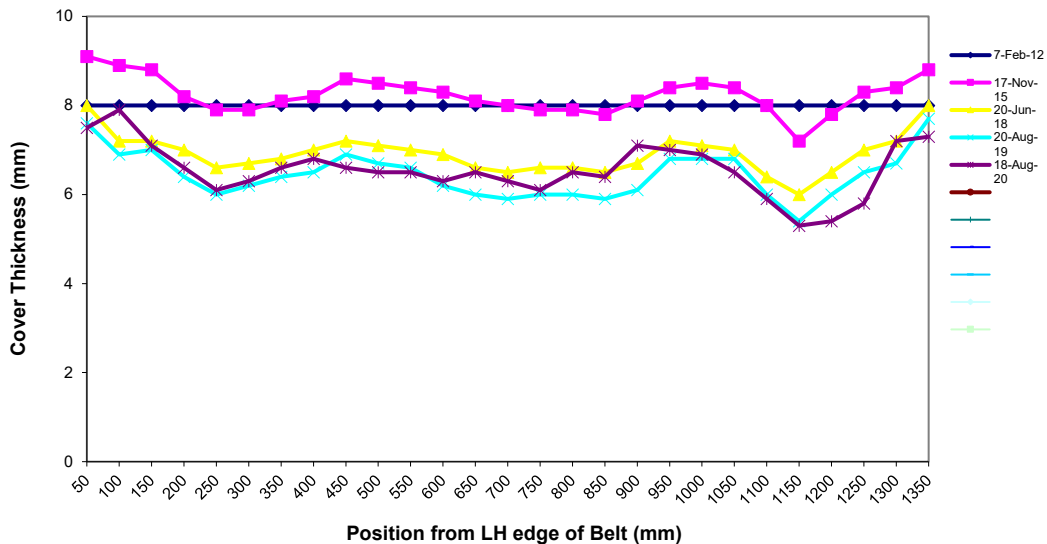
Original Bottom Cover Thickness (mm)

6.0

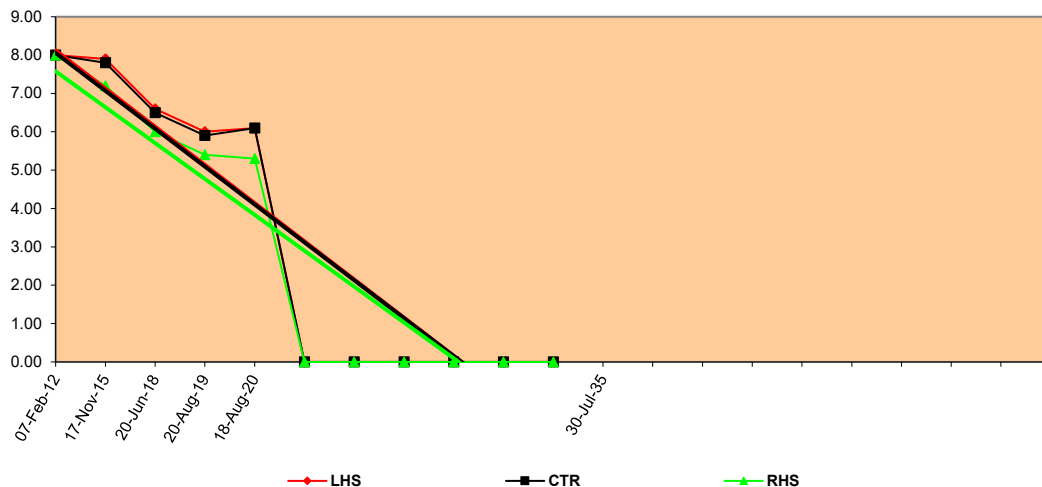
Number Inspections / Year

1

Top Cover



Analysis of Minimum Top Cover Readings



Nominated Change-out Thickness

4.0 mm

Forecasted Date to Nominated Thickness

22-Feb-24

Forecasted Date to Reach 3mm

01-Jan-27

Forecasted Date to Reach 1mm

30-Jun-31

Worst Case Wear Rates [mm / Month]

Interval

0.06mm/month

at location

1150mm

Life

0.03mm/month

at location

1150mm

Belt life based on interval wear rate

04-Feb-22

Belt life based on life wear rate

15-May-37

Splice XX-YY

Lengths on
Belt Map are a

[Comments](#)

Top Cover

Bot Cover

Location: Primary

Installation Date	7-Feb-12	Belt Width (mm)	1400
Date Last Tested	18-Aug-20	Temperature	16
Calibration Thickness	21	Velocity	1574
Original Belt Thickness (mm)	21.5	Belt Spec.	ST3500
Orig. Top Cover Thickness (mm)	8.0	Original Bottom Cover Thickness (mm)	6.0
Position Tested	2m after splice NN9	Number Inspections / Year	1

Cover Thickness (mm)

Position from LH edge of Belt (mm)

Legend:

- 18-Aug-20
- 20-Aug-19
- 20-Jun-18
- 17-Nov-15
- 7-Feb-12

Minimum Top Cover [mm] **5.3** at location **1150mm**

The graph displays the number of cases for three categories: RHS (green triangles), CTR (black squares), and LHS (red diamonds). The y-axis represents the number of cases, ranging from 0.00 to 30.00. The x-axis shows dates from February 2012 to August 2020. All three series show a sharp decline to zero by August 2020.

Date	RHS	CTR	LHS
07-Feb-12	24.00	16.00	8.00
11-Nov-15	23.00	15.50	8.00
20-Jun-18	19.00	13.00	6.50
20-Aug-19	17.00	11.50	6.00
18-Aug-20	17.50	12.00	6.00
01-Sep-20	0.00	0.00	0.00
01-Oct-20	0.00	0.00	0.00
01-Nov-20	0.00	0.00	0.00
01-Dec-20	0.00	0.00	0.00
01-Jan-21	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00
01-Mar-21	0.00	0.00	0.00
01-Apr-21	0.00	0.00	0.00
01-May-21	0.00	0.00	0.00
01-Jun-21	0.00	0.00	0.00
01-Jul-21	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00

Nominated Change-out Thickness	4.0	mm	Forecasted Date to Nominated Thickness	22-Feb-24
Forecasted Date to Reach 3mm	01-Jan-27		Forecasted Date to Reach 1mm	30-Jun-31
Worst Case Wear Rates [mm / Month]				
Interval	0.06mm/month	at location	1150mm	Life
				0.03mm/month at location 1150mm
Belt life based on insp. interval wear rate			04-Feb-22	Belt life based on total life wear rate
				15-May-37

Comments			
Top Cover		Bot Cover	
LHS	minor skirt wear	LHS	good
CTR	pitting and gouging	CTR	good
RHS	heavy skirt wear	RHS	good
LHS Edge	good	RHS Edge	good
Splice dimpling at abutment joints			

**Lengths on
Belt Map are a
guide ONLY!**

Previous Test Results

 OLC						Velocity =		1574			
						Tested By =		Chris			
						Cal Thickness =		21.1			
						Temp =		16			
Top Cover											
	INSTALLED	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
Distance from LHS	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL
Date	7-Feb-12	17-Nov-15	20-Jun-18	20-Aug-19	18-Aug-20						
50	8.00	9.10	8.00	7.60	7.50						
100	8.00	8.90	7.20	6.90	7.90						
150	8.00	8.80	7.20	7.00	7.10						
200	8.00	8.20	7.00	6.40	6.60						
250	8.00	7.90	6.60	6.00	6.10						
300	8.00	7.90	6.70	6.20	6.30						
350	8.00	8.10	6.80	6.40	6.60						
400	8.00	8.20	7.00	6.50	6.80						
450	8.00	8.60	7.20	6.90	6.60						
500	8.00	8.50	7.10	6.70	6.50						
550	8.00	8.40	7.00	6.60	6.50						
600	8.00	8.30	6.90	6.20	6.30						
650	8.00	8.10	6.60	6.00	6.50						
700	8.00	8.00	6.50	5.90	6.30						
750	8.00	7.90	6.60	6.00	6.10						
800	8.00	7.90	6.60	6.00	6.50						
850	8.00	7.80	6.50	5.90	6.40						
900	8.00	8.10	6.70	6.10	7.10						
950	8.00	8.40	7.20	6.80	7.00						
1000	8.00	8.50	7.10	6.80	6.90						
1050	8.00	8.40	7.00	6.80	6.50						
1100	8.00	8.00	6.40	6.00	5.90						
1150	8.00	7.20	6.00	5.40	5.30						1150
1200	8.00	7.80	6.50	6.00	5.40						
1250	8.00	8.30	7.00	6.50	5.80						
1300	8.00	8.40	7.20	6.70	7.20						
1350	8.00	8.80	8.00	7.70	7.30						
											1150