

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**

Original Belt Thickness (mm) **21.5**

Orig. Top Cover Thickness (mm) **8.0**

Position Tested

2m after splice FD3

Temperature **19**

Velocity **1588**

Belt Spec. **ST3500**

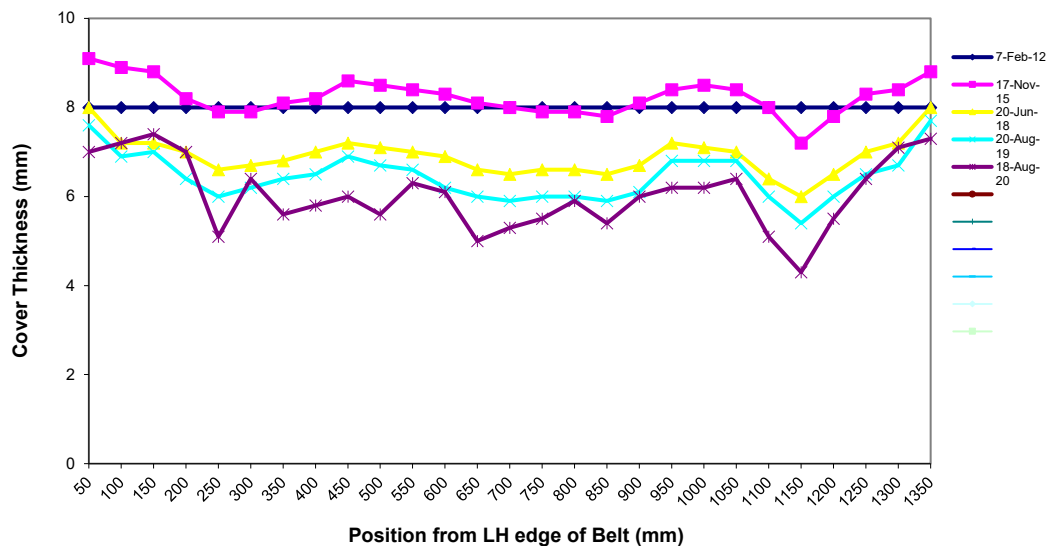
Original Bottom Cover Thickness (mm) **6.0**

Number Inspections / Year **1**

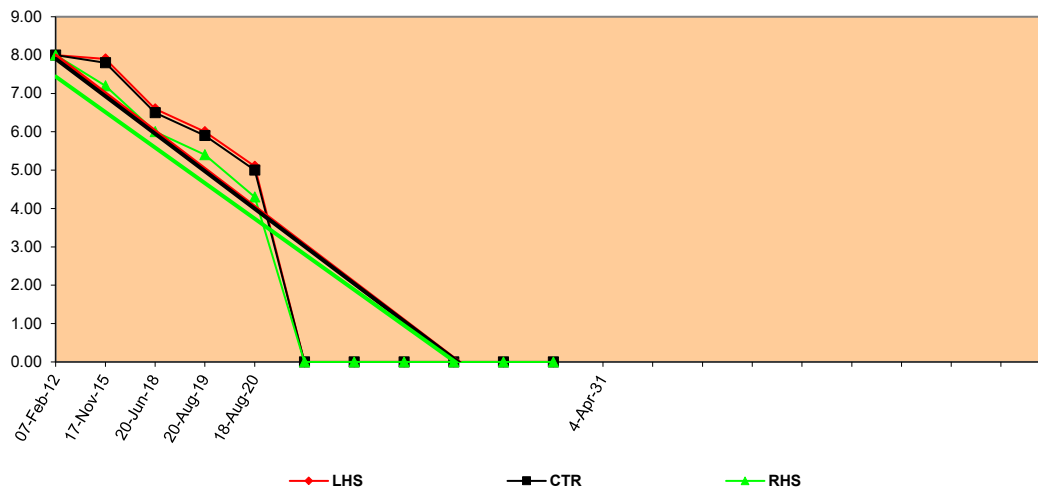
Belt Width (mm) **1400**

Manufacturer
IMAS
UAR Covers
21096 M

Top Cover



Analysis of Minimum Top Cover Readings



Nominated Change-out Thickness **4.0** mm

Forecasted Date to Nominated Thickness **01-Apr-22**

Forecasted Date to Reach 3mm **02-Jul-24**

Forecasted Date to Reach 1mm **02-Jan-29**

Worst Case Wear Rates [mm / Month]

Interval **0.09mm/month** at location **1150mm**

Life **0.04mm/month** at location **1150mm**

Belt life based on interval wear rate **04-Feb-22**

Belt life based on life wear rate **17-Jul-30**

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	19
Calibration Thickness	21	Velocity	1588
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 FB3	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] **4.3** 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: 07-Feb-12, 11-Nov-15, 20-Jun-18, 20-Aug-19, and 18-Aug-20. All three series show a general downward trend, with all values dropping 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	12.00	6.00
18-Aug-20	14.50	10.00	5.00
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	01-Apr-22
Forecasted Date to Reach 3mm	02-Jul-24		Forecasted Date to Reach 1mm	02-Jan-29
Worst Case Wear Rates [mm / Month]				
Interval	0.09mm/month	at location	1150mm	Life
				0.04mm/month at location 1150mm
Belt life based on insp. interval wear rate			04-Feb-22	Belt life based on total life wear rate
				17-Jul-30

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 =		1588			
						Tested By =		Chris			
						Cal Thickness =		21.2			
						Temp =		19			
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	7.00						
100	8.00	8.90	7.20	6.90	7.20						
150	8.00	8.80	7.20	7.00	7.40						
200	8.00	8.20	7.00	6.40	7.00						
250	8.00	7.90	6.60	6.00	5.10						
300	8.00	7.90	6.70	6.20	6.40						
350	8.00	8.10	6.80	6.40	5.60						
400	8.00	8.20	7.00	6.50	5.80						
450	8.00	8.60	7.20	6.90	6.00						
500	8.00	8.50	7.10	6.70	5.60						
550	8.00	8.40	7.00	6.60	6.30						
600	8.00	8.30	6.90	6.20	6.10						
650	8.00	8.10	6.60	6.00	5.00						
700	8.00	8.00	6.50	5.90	5.30						
750	8.00	7.90	6.60	6.00	5.50						
800	8.00	7.90	6.60	6.00	5.90						
850	8.00	7.80	6.50	5.90	5.40						
900	8.00	8.10	6.70	6.10	6.00						
950	8.00	8.40	7.20	6.80	6.20						
1000	8.00	8.50	7.10	6.80	6.20						
1050	8.00	8.40	7.00	6.80	6.40						
1100	8.00	8.00	6.40	6.00	5.10						
1150	8.00	7.20	6.00	5.40	4.30						1150
1200	8.00	7.80	6.50	6.00	5.50						
1250	8.00	8.30	7.00	6.50	6.40						
1300	8.00	8.40	7.20	6.70	7.10						
1350	8.00	8.80	8.00	7.70	7.30						
											1150