

South 32 Marradong - Primary

Conveyor Name/No.: OLC

Splice XX-YY

Installation Date **7-Feb-12**

Belt Width (mm) **1400**

Date Last Tested **18-Aug-20**

Temperature **16**

Calibration Thickness **21**

Velocity **1618**

Original Belt Thickness (mm) **21.5**

Belt Spec. **ST3500**

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

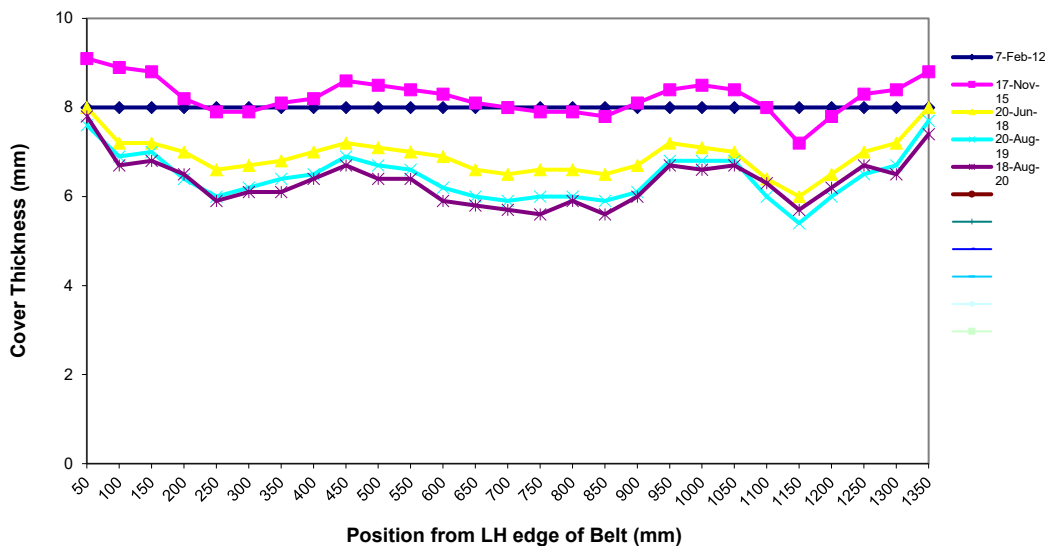
Original Bottom Cover Thickness (mm) **6.0**

Position Tested **2m before Splice 36**

Number Inspections / Year **1**

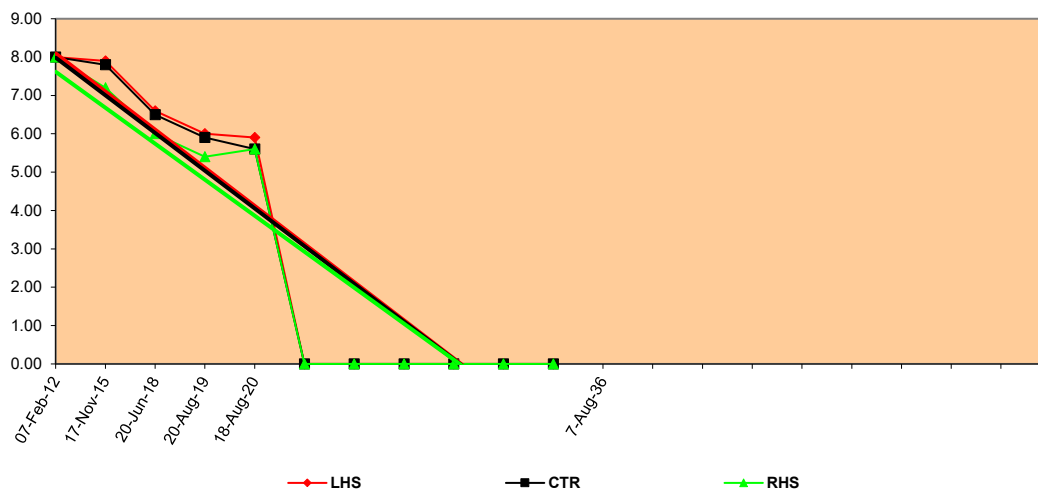
Manufacturer
IMAS
UAR Covers
21096 M

Top Cover



Minimum Top Cover [mm] **5.4** at location **1150mm**

Analysis of Minimum Top Cover Readings



Nominated Change-out Thickness **4.0** mm

Forecasted Date to Nominated Thickness **09-Oct-24**

Forecasted Date to Reach 3mm **18-Oct-27**

Forecasted Date to Reach 1mm **01-Oct-33**

Worst Case Wear Rates [mm / Month]

Interval **0.03mm/month** at location **1150mm**

Life **0.02mm/month** at location **1150mm**

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

Belt life based on life wear rate **12-Jul-40**

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	1618
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 before Splice 36	Number Inspections / Year	1

3D surface plot showing Cover Thickness (mm) on the vertical axis (0 to 10) versus Position from LH edge of Belt (mm) on the horizontal axis (50 to 1350). The plot displays the thickness of the cover over time, with different colors representing different dates: 18-Aug-20 (dark purple), 20-Aug-19 (light purple), 20-Jun-18 (yellow), 17-Nov-15 (dark blue), and 7-Feb-12 (red). The surface shows a significant increase in thickness over time, particularly in the central region.

Minimum Top Cover [mm] **5.4** at location **1150mm**

The graph displays the daily case counts for three groups: RHS (green triangles), CTR (black squares), and LHS (red diamonds). The x-axis marks specific dates from February 7 to August 18, 2020. The y-axis measures the number of cases per day, ranging from 0.00 to 30.00. All three groups start with significant case counts in early February, peak or stabilize through November, and then experience a steady decline starting in June. By mid-August, all case counts have dropped to zero.

Date	RHS	CTR	LHS
07-Feb-12	24.0	16.0	8.0
11-Nov-15	23.0	15.5	8.0
20-Jun-18	19.0	13.0	6.5
20-Aug-19	17.0	11.5	6.0
18-Aug-20	17.0	11.0	6.0
Subsequent Dates	0.0	0.0	0.0

Nominated Change-out Thickness	4.0	mm	Forecasted Date to Nominated Thickness	09-Oct-24
Forecasted Date to Reach 3mm	18-Oct-27		Forecasted Date to Reach 1mm	01-Oct-33

Interval 0.03mm/month at location 1150mm Life 0.02mm/month at location 1150mm

€ Belt life based on insp. interval wear rate	04-Feb-22	Belt life based on total life wear rate	12-Jul-40
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ice 2m before Splice 36

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

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			

Previous Test Results

 OLC							Velocity =		1618		
							Tested By =		Chris		
							Cal Thickness =		21.1		
							Temp =		15.5		
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	7.80						
100	8.00	8.90	7.20	6.90	6.70						
150	8.00	8.80	7.20	7.00	6.80						
200	8.00	8.20	7.00	6.40	6.50						
250	8.00	7.90	6.60	6.00	5.90						
300	8.00	7.90	6.70	6.20	6.10						
350	8.00	8.10	6.80	6.40	6.10						
400	8.00	8.20	7.00	6.50	6.40						
450	8.00	8.60	7.20	6.90	6.70						
500	8.00	8.50	7.10	6.70	6.40						
550	8.00	8.40	7.00	6.60	6.40						
600	8.00	8.30	6.90	6.20	5.90						
650	8.00	8.10	6.60	6.00	5.80						
700	8.00	8.00	6.50	5.90	5.70						
750	8.00	7.90	6.60	6.00	5.60						
800	8.00	7.90	6.60	6.00	5.90						
850	8.00	7.80	6.50	5.90	5.60						
900	8.00	8.10	6.70	6.10	6.00						
950	8.00	8.40	7.20	6.80	6.70						
1000	8.00	8.50	7.10	6.80	6.60						
1050	8.00	8.40	7.00	6.80	6.70						
1100	8.00	8.00	6.40	6.00	6.30						
1150	8.00	7.20	6.00	5.40	5.70						1150
1200	8.00	7.80	6.50	6.00	6.20						
1250	8.00	8.30	7.00	6.50	6.70						
1300	8.00	8.40	7.20	6.70	6.50						
1350	8.00	8.80	8.00	7.70	7.40						
											1150