

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 **17**

Calibration Thickness **21**

Velocity **1585**

Original Belt Thickness (mm) **21.5**

Belt Spec. **ST3500**

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

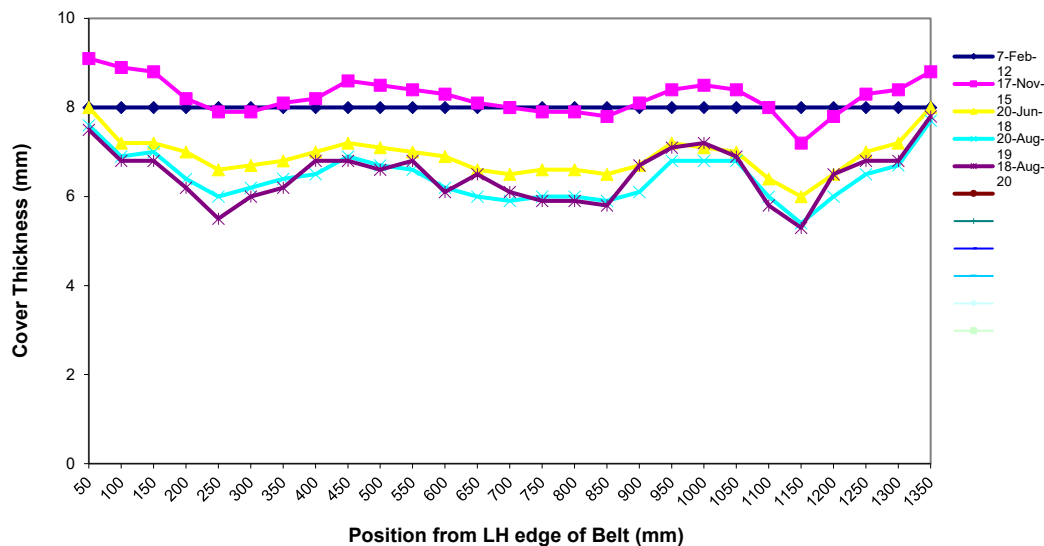
Original Bottom Cover Thickness (mm) **6.0**

Position Tested **2m before splice NN4**

Number Inspections / Year **1**

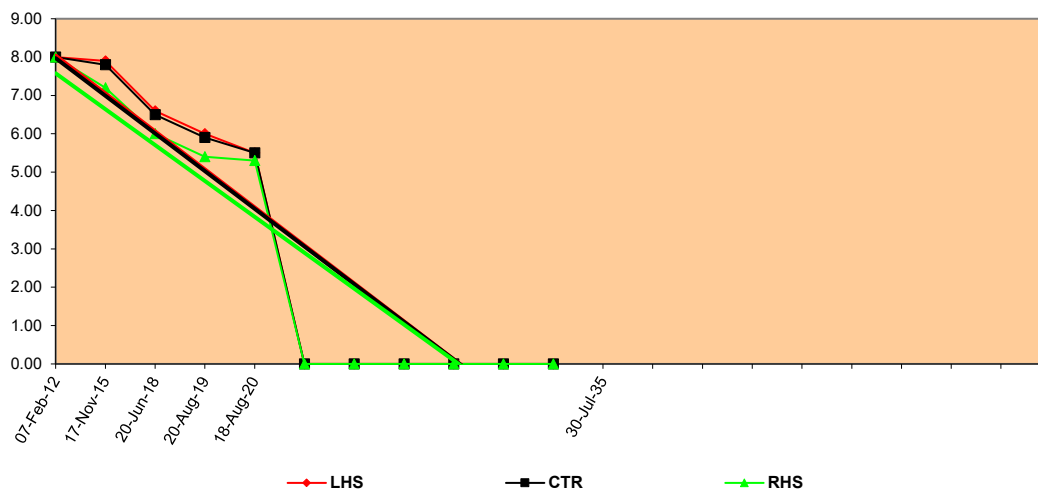
Manufacturer
IMAS
UAR Covers
21096 M

Top Cover



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

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 **19-Sep-32**

Worst Case Wear Rates [mm / Month]

Interval **0.04mm/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

South 32 Marradong

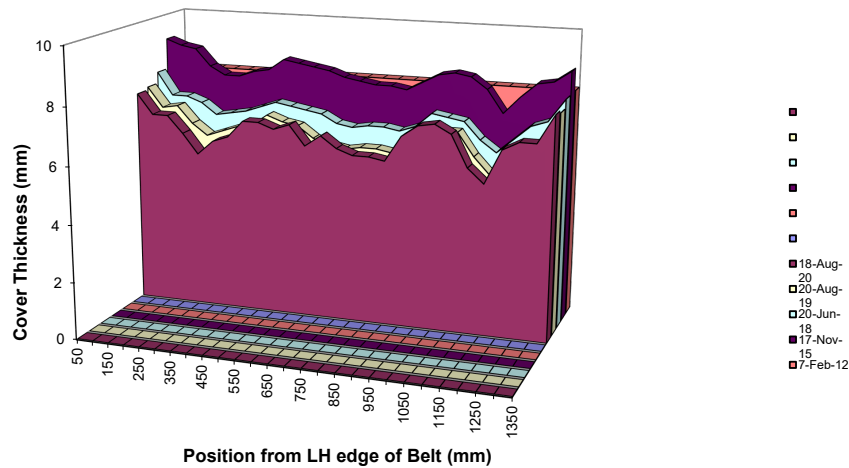
Conveyor Name/No.: OLC

Location: Primary

ce 2m before splice NN4

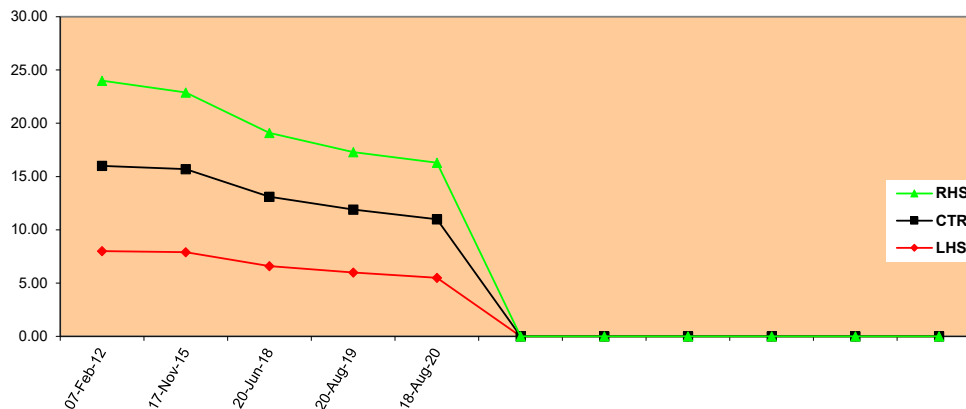
Installation Date	7-Feb-12	Belt Width (mm)	1400
Date Last Tested	18-Aug-20	Temperature	17
Calibration Thickness	21	Velocity	1585
Original Belt Thickness (mm)	21.5	Belt Spec.	ST3500
Orig. Top Cover Thickness (mm)	8.0	Original Bottom Cover Thickness (mm)	6.0
Position Tested	2m before splice NN4	Number Inspections / Year	1

Top Cover



Minimum Top Cover [mm] 5.3 at location 1150mm

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	19-Sep-32
Worst Case Wear Rates [mm / Month]			
Interval	0.04mm/month at location 1150mm	Life	0.03mm/month at location 1150mm
Belt life based on insp. interval wear rate		Belt life based on total life wear rate	
04-Feb-22		15-May-37	

ce 2m before splice NN

Lengths on
Belt Map are a
guide ONLY!

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

Previous Test Results

 OLC						Velocity =		1585			
						Tested By =		Chris			
						Cal Thickness =		21			
						Temp =		17			
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	6.80						
150	8.00	8.80	7.20	7.00	6.80						
200	8.00	8.20	7.00	6.40	6.20						
250	8.00	7.90	6.60	6.00	5.50						
300	8.00	7.90	6.70	6.20	6.00						
350	8.00	8.10	6.80	6.40	6.20						
400	8.00	8.20	7.00	6.50	6.80						
450	8.00	8.60	7.20	6.90	6.80						
500	8.00	8.50	7.10	6.70	6.60						
550	8.00	8.40	7.00	6.60	6.80						
600	8.00	8.30	6.90	6.20	6.10						
650	8.00	8.10	6.60	6.00	6.50						
700	8.00	8.00	6.50	5.90	6.10						
750	8.00	7.90	6.60	6.00	5.90						
800	8.00	7.90	6.60	6.00	5.90						
850	8.00	7.80	6.50	5.90	5.80						
900	8.00	8.10	6.70	6.10	6.70						
950	8.00	8.40	7.20	6.80	7.10						
1000	8.00	8.50	7.10	6.80	7.20						
1050	8.00	8.40	7.00	6.80	6.90						
1100	8.00	8.00	6.40	6.00	5.80						
1150	8.00	7.20	6.00	5.40	5.30						1150
1200	8.00	7.80	6.50	6.00	6.50						
1250	8.00	8.30	7.00	6.50	6.80						
1300	8.00	8.40	7.20	6.70	6.80						
1350	8.00	8.80	8.00	7.70	7.80						
											1150