



INSPECTION DEPARTMENT
South main tower expansion joint . ME 3.
DATE: 08/10/11.

◀ Inspection Record Sheet:- BC. 06/ MSSE. 08/10/11. PLATE ME 3.		
Subject :- Demag plate set removal	Location. South east main tower. ME 3.	
Pre & Post removal Dimensional Checks		
Pre-removal Checks		
Task	Yes	No
* Record top side clearance gaps as identified on survey sht 2 of 4	✓	
* Mismatch between adjacent plates, rocker ME 2 – N. 2mm . S. 3mm	✓	
rocker ME 4 - N. 4mm . S. 5mm	✓	
Slide plate No. 1 ME 2 - 4 mm Centre	✓	
Slide plate No.1 ME 4 - 2 mm Centre	✓	
Tongue plate ME 2 - 11mm . S. 15mm	✓	
Tongue plate ME 4 - 9mm . S. 9mm	✓	
* Spring lengths:- rocker plate:- 150mm	✓	
* Spring lengths:- tongue plate:- east. 82 mm West. 82mm	✓	
Mismatch between adjacent plates	✓	
Main span end trimmer & rocker plate:- east. 2mm west. 4mm		
Post Removal Checks		
Task	Yes	No
Slide plate cam radius:-		✓
* Bush wall thickness: (5) 3-4mm (6) 3-4mm (7) 0-4mm (8) 0-4mm	✓	
(9) 2-4mm (10) 0-4mm (11) 0-4mm (12) 0-4mm (13) 0-4mm (14) 0-4mm	✓	
* Radius girder wear plate thickness:- As per drawing.		✓
* Tongue plate radius length:- As per drawing.		✓
* Tongue plate end thickness:- Worn to nothing	✓	
Remedial & Completion Checks		
Task	Yes	No
* Top side clearance gaps (complete sht 3 of 4)	✓	
* Pins and bushes replaced:- No pins or bushes replaced .		✓
* Springs and pins replaced:- No springs or pins replaced .		✓
* Spring lengths:- rocker plate:- 150 mm		
* Spring lengths:- tongue plate:- east. 82 mm west. 82 mm		
* Complete comment sheet 4 of 4 (if required)		
Inspected by:	Date: 08/10/11.	

Note. : Bush wall thickness range is on External and Internal. Both Inspected and sizes recorded.



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Pre-removal Dimensional Checks	

N/T

Bitumen Plate

N/T

SOUTH.

1mm

1mm

2mm

2mm

2.5mm

3mm

3mm

4mm

5mm

1mm

12mm

17mm

17mm

17mm

25mm

25mm

19mm

23mm

11mm

11mm

49mm

49mm

2mm

0.5mm

1mm

End of

Tongue Plate

7mm

6mm

6mm

8mm

6mm

10mm

8mm

WEST

EAST

Tongue Plate

Slide Plate No.5

Slide Plate No.4

Slide Plate No.3

Slide Plate No.2

Slide Plate No.1

Rocker Plate

NORTH.

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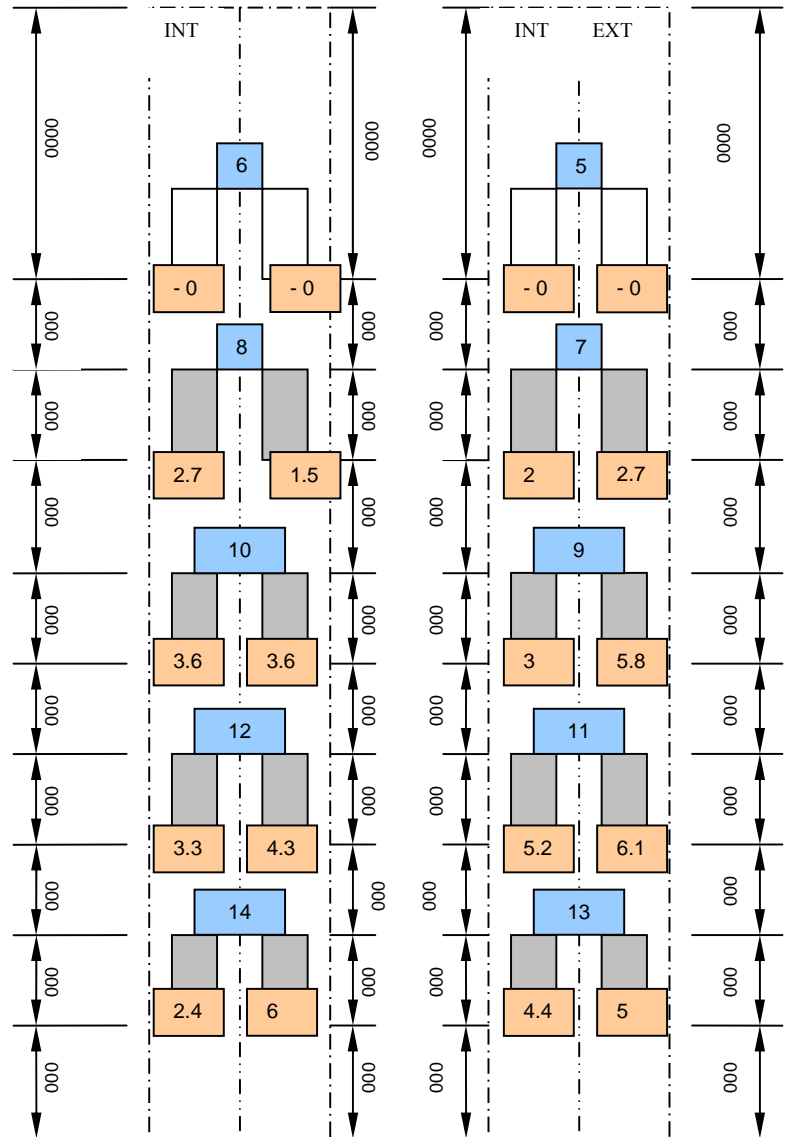
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Inspection Record Sheet:- BC. 06/ MSSE. 08/10/11. PLATE ME 3.

Subject:- Demag Plate Set Removal

Location:- South East main tower. ME.3.

Pin No.	Internal Dia.	External Dia.
5	39mm	39mm
Bush Thkns	Top	3mm
	Bottom	4mm
	North	4mm
	South	3mm
6	39mm	39mm
Bush Thkns	Top	4mm
	Bottom	4mm
	North	3mm
	South	4mm
7	39mm	39mm
Bush Thkns	Top	3mm
	Bottom	2mm
	North	2mm
	South	0mm
8	39mm	39mm
Bush Thkns	Top	3mm
	Bottom	1mm
	North	0mm
	South	3mm
9	39mm	39mm
Bush Thkns	Top	2mm
	Bottom	4mm
	North	2mm
	South	3mm
10	39mm	39mm
Bush Thkns	Top	1mm
	Bottom	3mm
	North	0mm
	South	2mm
11	39mm	39mm
Bush Thkns	Top	3mm
	Bottom	0mm
	North	0mm
	South	0mm
12	39mm	39mm
Bush Thkns	Top	0mm
	Bottom	3mm
	North	0mm
	South	3mm



Radius girder wear down locations and
Depression sizes are shown in mm.

* No sizes taken of wear-down distances on radius arm girder.
East or WEST



DENOTES DEPTH OF WEAR



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Post Inspection Dimensional Checks	

Inspected by:	.
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