



Accreditation no. 19898

CraneSafe®

Wire Rope Certificate

Certificate No:
ATC R.1 214745-16.1

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L
Length of Rope: 265.00m
Rope Construction: 18mm non rotating CASAR Eurolift
Surface Finish: Uncoated
Direction of Rope Lay: Lang Left Hand Lay
Decision: Pass

Crane Serial No.: 10410
Year of Manufacture: 2016

Wire Rope Application: Main Hoist
Rope Termination (End 1): Wedge Type Socket
Rope Termination (End 2): Wedge Type Socket
Rope Diameter: 18.00mm



Position Inspected (approx. metres)		10	45	80	115	150	185	255
Number of Visible Wire Breaks (over a length of 6x the rope's dia) AS2759-2004 Clause 14.4		0	0	0	0	0	0	0
Degree of Damage and Deformation of Rope AS2759-2004 Clause 14.13		0	0	0	0	0	0	0
Abrasion of Outer Wires AS2759-2004 Clause 14.9	Degree of Deterioration	0	0	0	0	0	0	0
Corrosion AS2759-2004 Clause 14.8	Degree of Deterioration	0	0	0	0	0	0	0
Reduction of Rope Diameter AS2759-2004 Clause 14.9	Measurement (mm)	18.50	18.60	18.50	18.40	18.50	18.50	18.51
	Measurement 90° (mm)	18.50	18.50	18.50	18.50	18.50	18.50	18.50
Additional Comments								

Degree of Deterioration:

1 = slight, 2 = medium, 3 = high, 4 = very high, 5 = discard

At time of inspection, the rope measurements and construction was in accordance with the requirements of AS2759 - 2004 Section 13 and the operators manual supplied with the crane.

Date Inspected: 25 May 2026
Date Issued: 05/06/2026

John Carroll
Assessor No: VIC1017



Accredited for compliance with ISO/IEC 17020

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports

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Hook Block Certificate

Certificate No:
ATC HB.1 214745-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L

Crane Serial No.: 10410
Year of Manufacture: 2016

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	56488912
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	20000kg
	MASS	300kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	1
	ROPE DIAMETER	18mm
	KIND OF MATERIAL	Metal
	GROOVE WEAR	☒
	ROTATING / BEARING	☒
	BRUISING	☒
	CRACKS	☒
	CHIPS	☒
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	☒
	BEARING	☒
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	145mm
AS1418.5-2013 Clause 4.2.13		



At time of Inspection, the hook block was in accordance with the requirements of AS1418 Part 5 2013 and the load charts supplied with the crane.

Date Inspected: 25 May 2026
Date Issued: 05/06/2026

John Carroll
Assessor No: VIC1017



Hook Block Certificate

Certificate No:
ATC HB.2 214745-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L

Crane Serial No.: 10410
Year of Manufacture: 2016

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	1648821
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	8000kg
	MASS	170kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	N/A
	ROPE DIAMETER	N/Amm
	KIND OF MATERIAL	N/A
	GROOVE WEAR	N/A
	ROTATING / BEARING	N/A
	BRUISING	N/A
	CRACKS	N/A
	CHIPS	N/A
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	✓
	CRACKS	✓
	DEFORMATION	✓
	SAFETY LATCH	✓
	SWIVEL	✓
	BEARING	✓
	HOOK BRUISING	✓
	Y - Y MEASUREMENT	100mm
AS1418.5-2013 Clause 4.2.13		



At time of Inspection, the hook block was in accordance with the requirements of AS1418 Part 5 2013 and the load charts supplied with the crane.

Date Inspected: 25 May 2026
Date Issued: 05/06/2026

John Carroll
Assessor No: VIC1017

Hook Block Certificate

Certificate No:
ATC HB.3 214745-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano Demag AC100/4L

Crane Serial No.: 10410
Year of Manufacture: 2016

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	56489712
	FORM OF HOOK	Ramshorn
	NOMINAL LIFTING LOAD	80000kg
	MASS	1070kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	N/A
	ROPE DIAMETER	N/Amm
	KIND OF MATERIAL	N/A
	GROOVE WEAR	N/A
	ROTATING / BEARING	N/A
	BRUISING	N/A
	CRACKS	N/A
	CHIPS	N/A
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	☒
	BEARING	☒
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	185mm
AS1418.5-2013 Clause 4.2.13		



At time of Inspection, the hook block was in accordance with the requirements of AS1418 Part 5 2013 and the load charts supplied with the crane.

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Date Issued: 05/06/2026

John Carroll
Assessor No: VIC1017