

CraneSafe®

Wire Rope Certificate

Certificate No:
ATC R.1 204518-16.1

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Tadano AC7.450-1

Crane Serial No.: 79130
Year of Manufacture: 2023

Length of Rope: 5803.00m
Rope Construction: 2160 1hll
Surface Finish: Uncoated
Direction of Rope Lay: Lang Left Hand Lay
Decision: Pass

Wire Rope Application: Main Hoist
Rope Termination (End 1): Poured Socket
Rope Termination (End 2): Wedge Type Socket
Rope Diameter: 24.00mm



Position Inspected (approx. metres)		10	836	1662	2488	3314	4140	5793
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 Clause14.13		0	0	0	0	0	0	0
Abrasion of Outer Wires AS2579-2004 Clause 14.9	Degree of Deterioration	0	0	0	0	0	0	0
Corrosion AS2759-2004 Clause14.8	Degree of Deterioration	0	0	0	0	0	0	0
Reduction of Rope Diameter AS2759-2004 Clause14.9	Measurement (mm)	23.50	23.50	23.50	23.50	23.50	23.50	23.50
	Measurement 90° (mm)	23.40	23.50	23.50	23.50	23.50	23.50	23.50
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: 29/07/25
Date Issued: 30/07/2025

John Carroll
Assessor No: VIC1017

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Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	94766779212
	FORM OF HOOK	Ramshorn
	NOMINAL LIFTING LOAD	80000kg
	MASS	200kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	3
	ROPE DIAMETER	23mm
	KIND OF MATERIAL	Metal
	GROOVE WEAR	☒
	BRUISING	☒
	ROTATING / BEARING	☒
	CRACKS	☒
	CHIPS	☒
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	☒
	BEARING	☒
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	200mm
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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John Carroll
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