





TELESCOPIC HANDLER (TH) PRE-ACCEPTANCE CHECKLIST


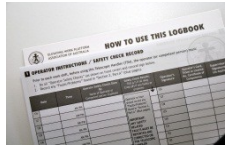
UNIT MAKE: MODEL: YEAR OF MANUFACTURE:

UNIT SERIAL NUMBER: RATED CAPACITY:

The following checklist should be used for guidance when evaluating the minimum safety standards for telehandlers, as outlined in AS10896.1:2019. This is not a definitive list. For further guidance refer to AS10896.1, AS2550.19 and/or State and Territory Regulations.

#	Criteria/Clause #	Requirements	Installed	Examples
1	External Boom Angle Indicator – 4.103.2.4	The TH must be fitted with an external gravity pendulum or bubble level inclinometer which indicates the angle of the boom. It must be visible from the normal operating position.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
2	Slope Indicators Fitted in Cabin - 4.103.2.5	The TH must be fitted with slope indicators to indicate to the operator when the TH is within the permitted lateral and longitudinal slope. They must be visible from the normal operating position. The zero (level) and maximum slopes shall be indelibly marked on the indicator.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
3	Telescopic Boom Length Indicators - 4.103.2.8	The operating length of the telescopic boom shall be indicated at regular intervals by either boom markings (alpha or numeric) or by another device. The indicator(s) must be visible from the normal operating position.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
4	Rated Capacity Warning on Attachment – B.1.2 (k)	All removable attachments must be marked with the following warning or instructions to that effect. “The Rated Capacity of this attachment may be reduced – refer to the load chart for the TH / attachment combination.”	<input type="checkbox"/> YES <input type="checkbox"/> NO	

#	Criteria/Clause #	Requirements	Installed	Examples
5	Rated Capacity (Load) Charts – 6.4.1	<p>A durable Rated Capacity Chart shall be provided that is accessible from the normal operating position. They shall include the following information:</p> <ul style="list-style-type: none"> - Rated Capacity “working zone” diagram - Maximum permitted slopes when lifting (stationary) - Maximum permitted slopes when travelling (pick and carry) - Designated pick and carry position (on tyres) - 600mm load centres on Forks on TH less than 10 tonne - 600mm, 900mm, 1200mm load centres on forks on TH 10 tonne or greater - Maximum in-service wind speed (in m/sec) - Ground conditions applicable to rated capacity charts - Tyres – pressure / size - Maximum travel speed <p>NOTE: All attachment combinations must be approved for use on the TH and the appropriate load charts provided.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
6	Longitudinal Load Moment Indicator and Control - 4.103.2.1 + 4.103.3.2	<p>The TH must be equipped with a limiting device or system which restricts the operator from carrying out further aggravating motions to prevent overload (e.g. boom extension, boom lowering/lifting). The device or system shall also warn the operator both visually and audibly. See AS1418.19 Table 2.11.1 on page 5.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
7.	Overload Override Mechanism (60 sec reset) – 4.103.3.3(a)	<p>A mechanism that requires constant pressure from the operator to override the limiting device or system and which automatically reactivates after no more than 60 seconds.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	

#	Criteria/Clause #	Requirements	Installed	Examples
8.	Design compliance	<p>A statement of compliance to applicable Design Standard(s) shall be provided from manufacturer or competent person.</p> <p>NOTE: Telescopic Handlers manufactured AFTER 18 October 2008 (or agreed date) must be designed in compliance with AS1418.19. Telescopic handlers manufactured AFTER October 2020 (or agreed date) must be designed in compliance with AS10896.1.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
9.	Operator Instructions - 6.2	Operator Instruction Manuals on the safe use of the TH must be supplied with the unit. These instructions shall include Operator Daily Maintenance checks. Maintenance manuals shall be held by the TH owner. The Operator and Instruction Manuals must apply to the specific attachments of the TH.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
10.	Logbook	<p>The TH is supplied with an operator service and maintenance logbook which conforms with AS2550.19.</p> <p>NOTE Logbook should include a record of the last inspection.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	

Additional requirements for attachments designed to lift freely suspended loads eg Jibs/Hooks/Winches

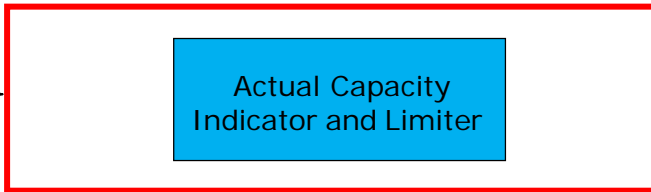
11.	Indicating devices – 4.103.2 Limiting devices – 4.103.3	<p>Appropriate indicating and limiting devices must be installed on the TH as illustrated in the following flow chart and the attached Table ZZ.4 taken from AS10896.1.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
-----	--	---	---	--

TH	Limiting Device	Functional Description
----	-----------------	------------------------

Maximum capacity of TH/attachment combination is greater than 3 tonne



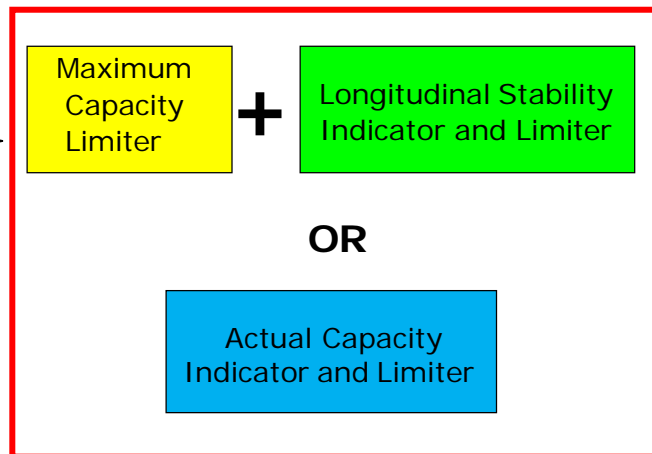
APPROPRIATE LIMITER REQUIRED



Maximum capacity of TH/attachment combination is equal to or less than 3 tonne



APPROPRIATE LIMITER REQUIRED



ACTUAL CAPACITY INDICATOR AND LIMITER

Restricts further **aggravating motions** and **limits capacity** such that the **load does not exceed 110%** of the rated capacity.

The rated capacity limiter shall continuously take account of all variations to the rated capacity arising from the configuration of the telehandler, the position of the load, or both during the lifting cycle

Warns the operator both visually and audibly before the load on the TH exceeds the rated capacity

LONGITUDINAL STABILITY INDICATOR AND LIMITER

Restricts further **aggravating motions** and **limits capacity** such that it does not exceed 75% of the **longitudinal tipping load**

Warns the operator both visually and audibly whenever the rated capacity based on longitudinal stability is being approached

ATTACHMENT RATED CAPACITY LIMITER

The maximum capacity limiter shall prevent the telehandler from lifting a load in excess of 110% of the maximum capacity of the telehandler and attachment combination

AS10896.1 Table ZZ.4

APPLICATION OF LIMITING AND INDICATING DEVICES (See Note 1)

Item	Telehandler with forks or fixed loads	Telehandler with fixed jib/hook attachment	Telehandler with wire rope hoist attachments
Longitudinal load moment indicator	R	R (see Note 2)	R (see Note 2)
Actual capacity indicator	O	>3 t R	> 3 t R
Load indicator	O	O	O
Boom angle indicator	R	R	R
Slope indicators	R	R	R
Drum rotation indicator	N/A	N/A	O
Hoisting limit indicator	N/A	N/A	R (see Note 3)
Telescopic boom length indicator	R	R (see note 2)	R
Longitudinal load moment control	R	≤3 t R (see Note 2)	≤3 t R (see Note 2)
Actual capacity limiter	O	>3 t R	>3 t R
Attachment rated capacity limiter	O	≤3 t R (see Note 2)	≤3 t R (see Note 2)
Hoisting limiter (see Note 2)	N/A	N/A	R (see Note 3)
Lowering limiter	N/A	N/A	O
Audible warning device	R	R	R

LEGEND:

R = Required

O = Optional

N/A = Not Applicable

NOTES:

1. The above designations are the minimum requirements. Devices should be applied with due consideration for safe operation.
2. Mandatory where an actual capacity limiter is not fitted.
3. Not required where the design provides two-blocking damage protection.

NOTE: The load limit specified in the above table relates to the rated capacity of the telehandler with the applicable attachment.