

Certificate of Compliance



Project:	Engagement Locking Mechanism System Safety Certification	Prepared:	Nabin Shrestha
Client:	Attach2 Pty Ltd	Issue Date:	30/09/2019
		Revision	2
Job No.	ATH001	Total pages:	2

Scope


As requested by Attach2 Pty Ltd, Practical Engineering Australia has conducted a safety assessment of the Automatic Sure-Grip Coupler Engagement Locking Mechanism System to the following design data, and applicable Standards.

Design Data

The following design data was provided by Attach2 Pty Ltd and used to assess the Automatic Sure-Grip Coupler Engagement Locking Mechanism System:




	303977.step (3D Cad Model)	Received Date
	Heli Tilt Coupler with Sure-Grip Coupler Base Ops. & Maint. Manual	24/08/2019
		23/08/2019

Coupler Definition:

-  Automatic – the primary engagement is controlled from the cab and the safety system is an automatic function as part of the engagement process. In the event of a primary systems failure the attachment will be retained on the hitch via both pins and therefore cannot swing. The operation of the safety system can also be verified from the cab.


Applicable Standards

The relevant clauses of the following Standards were used to assess:

-  AS 4772-2008, Section 2.1.4 –Safety System;
-  ISO13031:2016 Section 4.1 –Covering engagement and locking system requirements; and
-  Workcover Position Paper WC01783

Exclusions

The following items have been excluded from this certification:

-  Structural analysis on the Chassis and componentry properties of the Quick-hitch

Certification requirements

The certification requirements are:

- Provided decals & user manuals shall be fitted and present in the operator's cab to ensure that the operator has access to relevant information.

Report Preparation

I, Nabin Shrestha, confirm that the Sure-Grip Coupler Engagement Locking Mechanism System is in accordance with relevant Standards.

Signature

Date 30 Sep 2019

Name

Nabin Shrestha
AdvDip (Mech)
Mechanical Designer

RPEQ Review by

I, Jai Rice, certify that the Sure-Grip Coupler Engagement Locking Mechanism System is in accordance with relevant Standards.

Signature

Date 30 Sep 2019

Name

Jai Rice
BEng(Mech), MIEAust, NER, RPEQ, CPPM, DipPM, MAIPM
Director

For and on behalf of Practical Engineering Australia