18 Success Street
Acacia Ridge Qld 4110
P: 07 3557 2654
E:ausales@attach2.com

Australian Bucket Supplies
34 Williamson Road
Ingleburn NSW 2565

29th January 2021

RE: Serial Number A2-0002758-12

To whom it may concern

This is to confirm that the U55 Suregrip Helitilt Coupler with serial number A2-0002758-12 was

manufactured January 2021 to suit a Kubota U55 Hydraulic Excavator with 45mm pin pickup with pickup range of 217mm-295mm on the pin centre on the attachments with a SWL rated lifting eye for 2000kgs.

This unit was supplied Australian Bucket Supplies in January 2021.

Please see attached copy of certification issued by Practical Engineering show the design is fully compliant with

AS4772:2008

ISO13031:2016

Workcover Position Paper WC01783

Kind Regards

Debbie Van Echtelt
Administration
Attach2 Pty Ltd

PRACTICAL ENGINEERING

07 3875 2133
1 Colebard Street East, Acacia Ridge, QLD 4110
PO Box 4, Bald Hills, QLD 4036
sales@praceng.com.au
www.praceng.com.au

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:

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

For and on behalf of Practical Engineering Australia

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