



TECH FOR SAFETY





**TECH
FOR
SAFETY**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 818-4:1996+A1

April 2008

ICS 53.020.30

Supersedes EN 818-4:1996

English Version

Short link chain for lifting purposes - Safety - Part 4: Chain slings
- Grade 8

Chaînes de levage à maillons courts - Sécurité - Partie 4:
Elingues en chaînes - Classe 8

Kurzgliedrige Rundstahlketten für Hebezwecke - Sicherheit
- Teil 4: Anschlagketten - Güteklasse 8

This European Standard was approved by CEN on 7 March 1996 and includes Amendment 1 approved by CEN on 10 February 2008.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

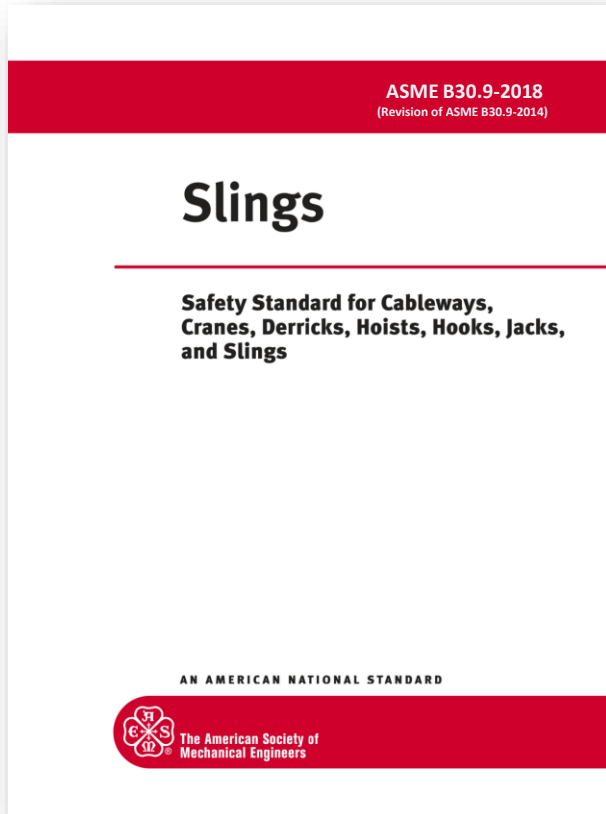
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Ref. No. EN 818-4:1996+A1:2008; E

Annex D, EN 818-4:1996+A1:2008

Identification tags for chain slings

For the purposes of identification of chain slings, tags shall be affixed to the slings having the information for marking legibly and permanently embossed or stamped.



Paras. 9-1.7, 9-2.7, 9-3.7, 9-4.7, 9-5.7, 9-6.7, and 9-7.7, ASME B30.9-2018

Sling Identification

Sling identification shall be done by the sling manufacture.

Sling identification should be maintained by the user so as to be legible during the life of the sling.

Tags in Failure



RFID SupraTag

Compliant MIL-STD-810H



- Meets the requirements of US Military Standard MIL-STD-810H.
- Passed SGS vibration test.
- Tested in accordance with MIL-STD-810H:2019, Figure 514.8E-1 Category 24- General minimum integrity exposure.

MIL-STD-810H



SGS
Reliability Laboratory

TEST REPORT

Report No.: HCD0254/2020
Page: 1 of 4
Date: January 7, 2021

YOKE INDUSTRIAL CORP.
NO. 39, GONGYEQU 33RD RD., XITUN DIST.,
TAICHUNG CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description:	RFID TAG
Style/Item No.:	13243 No.1 - No.3
Manufacturer/Vendor:	Yoke Industrial Corp.
Country of Origin:	Taiwan
Quantity:	Total 3 pieces
Testing Period:	Jan. 5, 2021

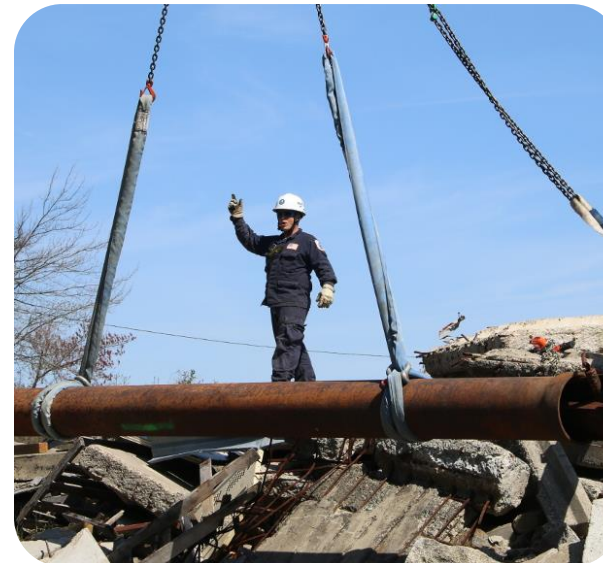
We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)
1. Vibration Test

Test Results: -PLEASE SEE ATTACHED SHEETS-

Signed for and on behalf of
SGS TAIWAN Ltd.
Casper Tseng
Casper Tseng
Asst. Supervisor

SGS Taiwan Ltd. 11000-01 2299-3273 11000-01 2299-9939



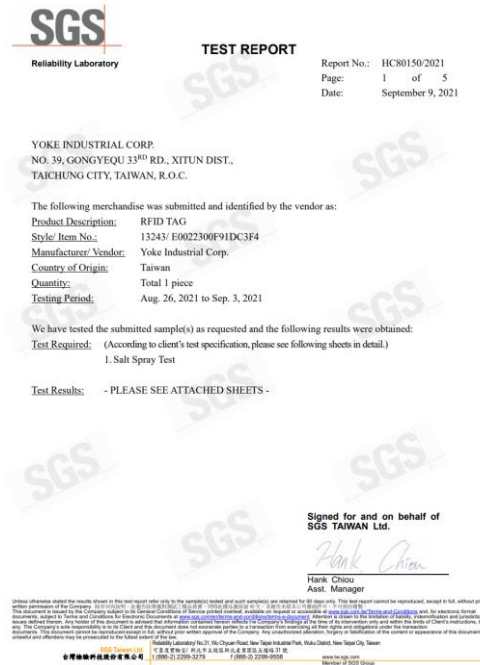
RFID SupraTag

Compliant CRES



- Corrosion resistant stainless steel.
- Passed SGS 96 hours Salt Spray test.
- Tested in accordance with ISO 9227.
- Used in different applications such as chemical oil coal industries, food processing, clean room and precision instrument.

CRES



RFID SupraTag

Compliant IP68



- Highest IP rating of dust & water resistance.
- Conforms to the IEC 529:1991 degrees: IP68.
- IP 68 Protection from water, dust, dirt and sand.
- Used in different applications such as : marine and offshore industry or Water treatment and processes etc.



IP68



YOKE

Safety is our first priority™

Declaration of Conformity

Manufacturer:

YOKE INDUSTRIAL CORP.

No. 39, 33rd Road, Taichung Industrial Park, Taichung City 407, Taiwan, R.O.C.

Description of Equipment :

Name : Sling Tag with HF RFID chip, Stainless Steel

Type : 13243

Conforms to the IEC 529:1991 IP degrees : IP68

We, YOKE INDUSTRIAL Corp, hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications and is in accordance with the requirements of the standard.

Signed by

Name : *De Lin*

Position :

Place of Issue: Taichung, Taiwan

Date : *2011.8.25*

RFID SupraTag

Compliant IK10



- IK10 impact protection level.
- IK10 Protected against 20 joules impact.
- Passed SGS impact test.
- Tested in accordance with IEC 62262.
- IK10 is the highest measurement rating for protection from physical damage.



SGS
Reliability Laboratory

TEST REPORT

Report No.: HCD0155/2020
Page: 1 of 5
Date: January 5, 2021

YOKE INDUSTRIAL CORP.
NO. 39, GONGYEQU 334th RD., XITUN DIST.,
TAICHUNG CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description:	RFID TAG
Style/Item No.:	13243/No.1
Manufacturer/Vendor:	Yoke Industrial Corp.
Country of Origin:	Taiwan
Quantity:	Total 1 piece
Testing Period:	Dec. 24, 2020 to Jan. 5, 2021

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)
1. Impact Test

Test Results: -PLEASE SEE ATTACHED SHEETS-

Signed for and on behalf of
SGS TAIWAN Ltd.

Cooper Tseng
Cooper Tseng
Asst. Supervisor

United Nations states the results shown in this test report refer only to the samples tested and such samples are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the laboratory. The laboratory is not responsible for the results of the tests performed on samples that are not retained for 90 days only. The laboratory is not responsible for the results of the tests performed on samples that are not retained for 90 days only. The laboratory is not responsible for the results of the tests performed on samples that are not retained for 90 days only. The laboratory is not responsible for the results of the tests performed on samples that are not retained for 90 days only.





RFID SupraTag for
OSHA, HSE, JISHA
Asset and Inspection Management



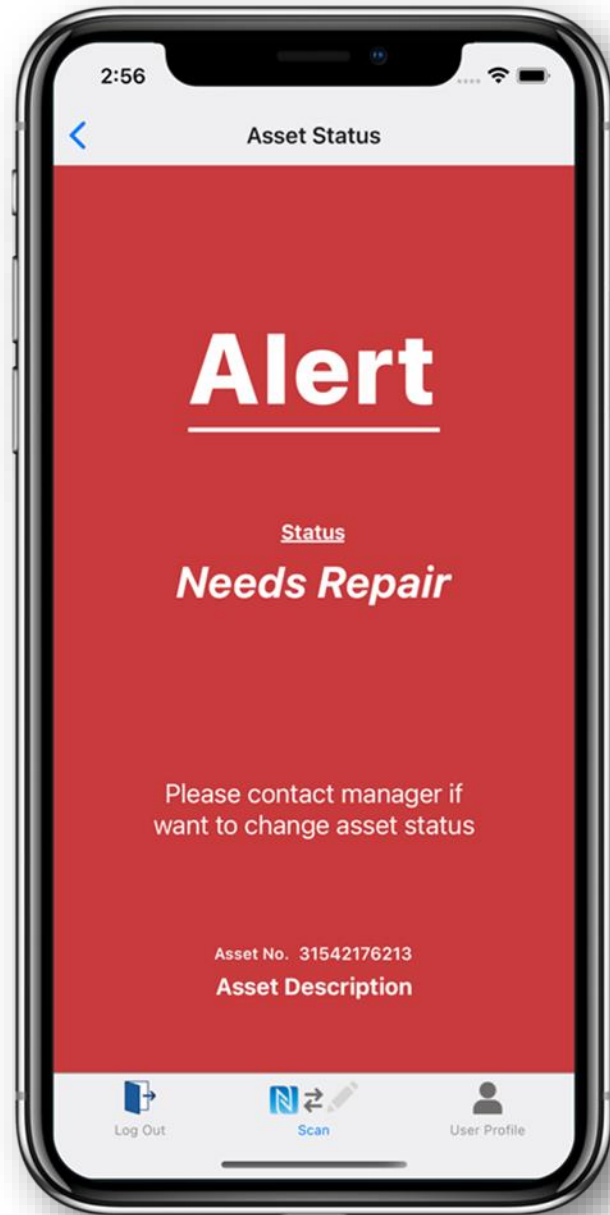
Safety is Essential

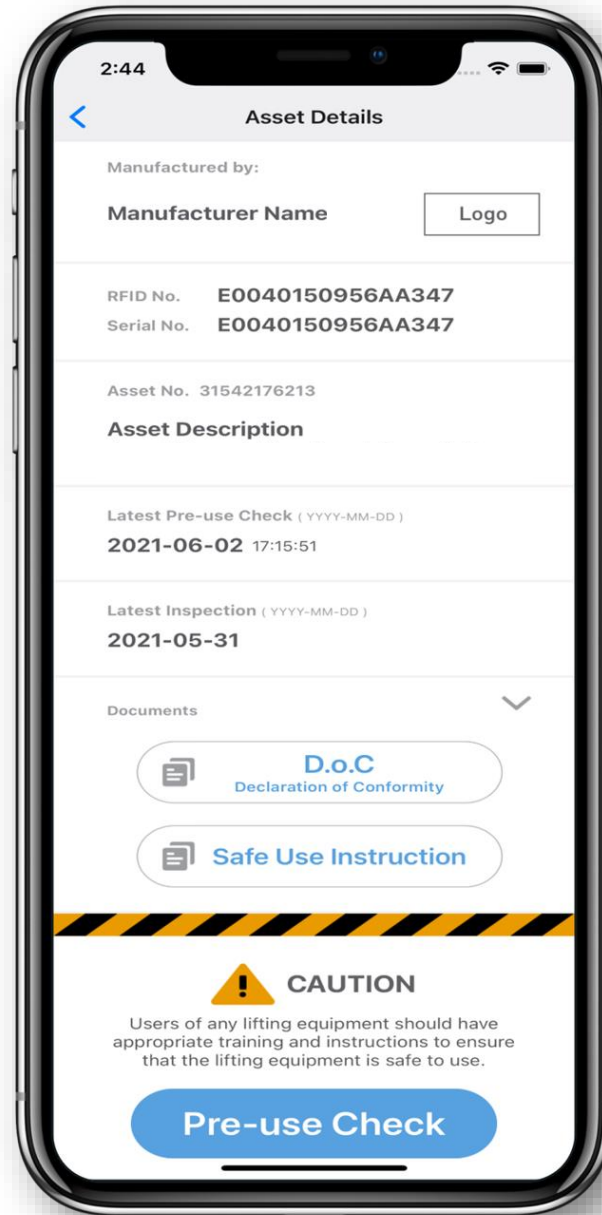
An offshore oil rig is silhouetted against a dark, stormy sky with heavy, grey clouds. The rig's structure, including a tall derrick and a crane with a lit flare, is visible. The sea is turbulent with white-capped waves crashing against the rig. In the distance, another smaller rig is visible on the left.

Agenda

Part 1	About RiConnect
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Part 2	RiConnect APP
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A person wearing a blue shirt and glasses is holding a tablet. The tablet screen displays a dashboard with various charts, including a pie chart at the top and several bar charts below. The charts are labeled 'Item 1', 'Item 2', 'Item 3', and 'Item 4'. The person is pointing at the tablet with a pen. The background is a solid blue color.

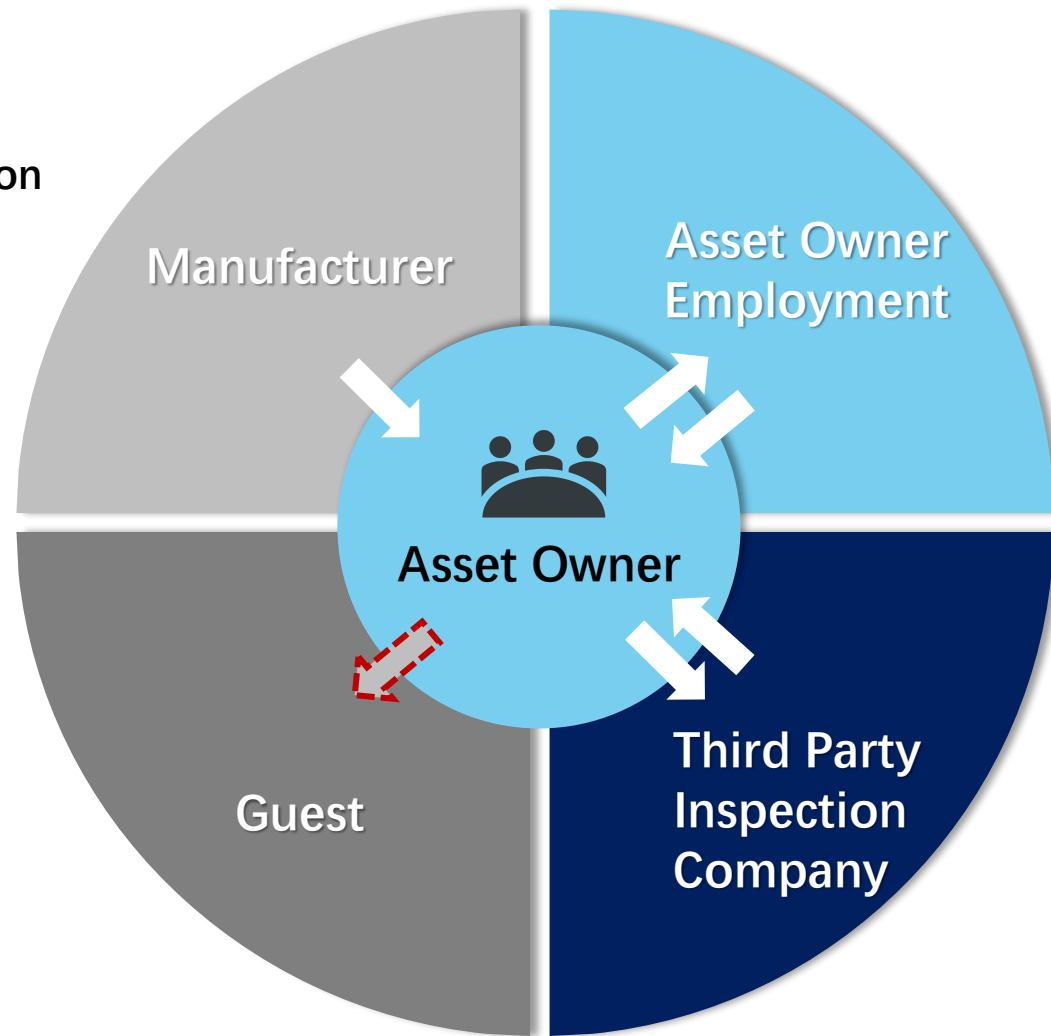
Information follows the product.

Once you own an asset, you own the information.

— Core Value of **RiConnect**

Data Flow

- Product Information
- Test Certificate



- Test Certificate

- Asset Information
- Safety Status Check
- Pre-use Check

- Asset Information
- Periodical Inspection
- Inspection Report

What is RiConnect



A SaaS Platform for Critical Asset & Inspection Management



 **RiConnect**

Pre-use Check

LOLER, ASME B30, Working at Height
HSE, OSHA, JISHA



Regulation 8 Para.289, LOLER (HSE)

The purpose of these Pre-use Checks is to identify faulty equipment.

The operator of the equipment should act as the first line of defence in identifying any faults or damage. Such checks should be carried out before the lifting equipment is used during each working day or at the beginning of each shift.

Compliance



SOC 2

Type II report covering Security, Availability, Integrity, Confidentiality, and Privacy



SOC 1

Type II report covering internal controls over financial reporting systems



ISO 27001

Compliance with specific information security and risk management requirements



ISO 27017

Adherence with ISO/IEC 27002 Code of Practice controls for cloud services



ISO 27018

Adherence with Code of Practice controls for protection of personal information



Disaster Recovery & BCP

Business Continuity and Disaster Recovery



DoD IL2

Cloud computing security requirements for the US Department of Defense for Impact Level 2



DoD IL4

Cloud computing security requirements for the US Department of Defense for Impact Level 4



RiConnect benefits to Manufacturers:



RiConnect benefits to Manufacturers:

1 Traceability



RiConnect benefits to Manufacturers:

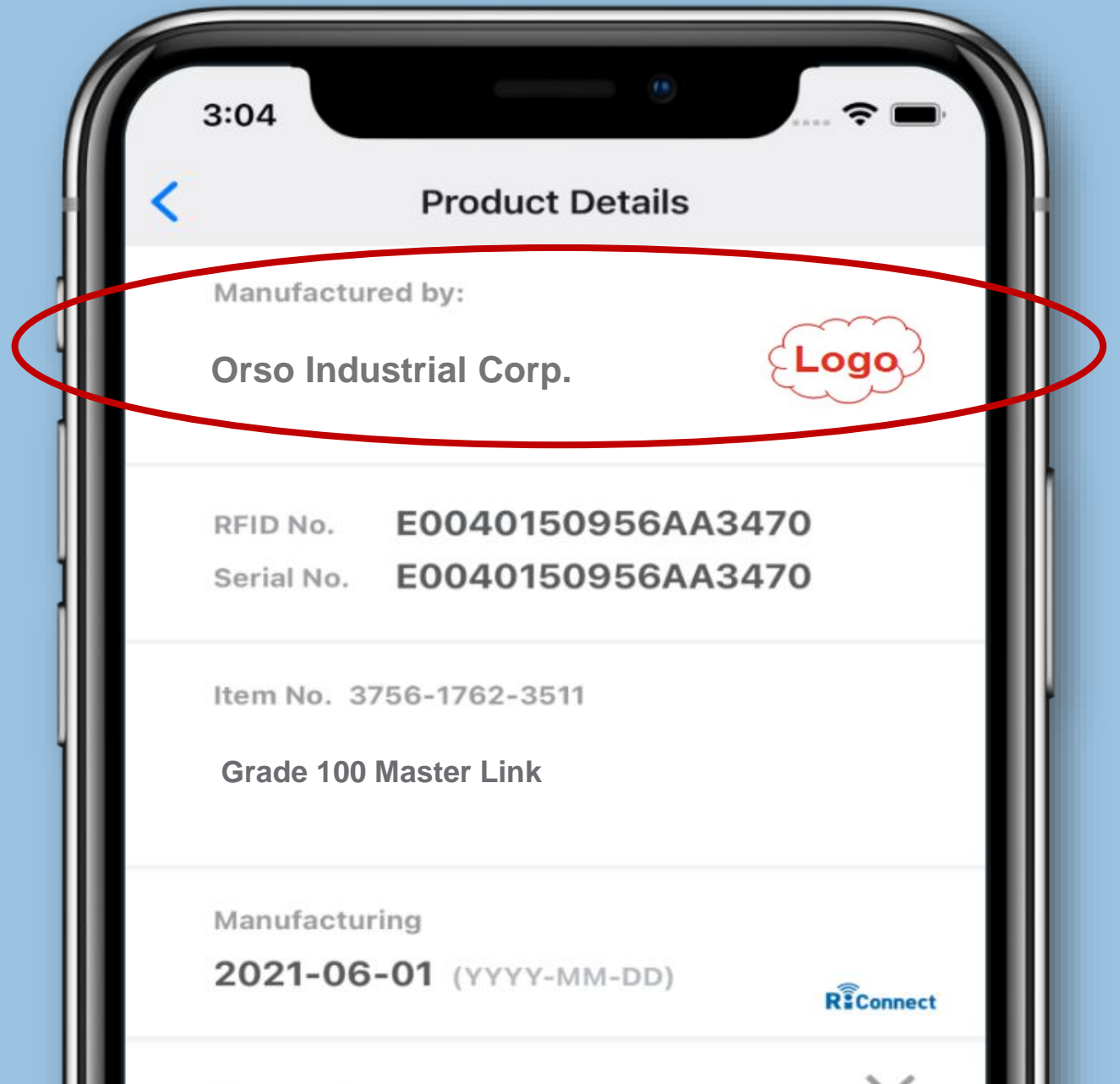
1 Traceability

2 Digitised Documentation



RiConnect benefits to Manufacturers:

- 1 Traceability
- 2 Digitised Documentation
- 3 Authentication**



- Personal Profile
- Permission
- User Management
- Picklist
- Company Setting
- Approval**

Approval

Manufacturing Approval

Please enter the information and submit the documents for manufacturing approval.

Company Info.

Company English Short Name *	<input type="text" value="Orso Industrial Corp."/>
Tax ID *	<input type="text" value="123456789"/>

Files Upload

Company Logo *		<input type="text" value="https://ricconnect-sandbox.s3-ap-r"/>	
Company Doc.1 *		<input type="text" value="https://ricconnect-sandbox.s3-ap-r"/>	
Company Doc.2 *		<input type="text" value="https://ricconnect-sandbox.s3-ap-r"/>	
Company Doc.3 *		<input type="text" value="https://ricconnect-sandbox.s3-ap-r"/>	



3:04



Product Details

Manufactured by:

Orso Industrial Corp.



RFID No. E0040150956AA3470

Serial No. E0040150956AA3470

Item No. 3756-1762-3511

Grade 100 Master Link

Manufacturing

2021-06-01 (YYYY-MM-DD)

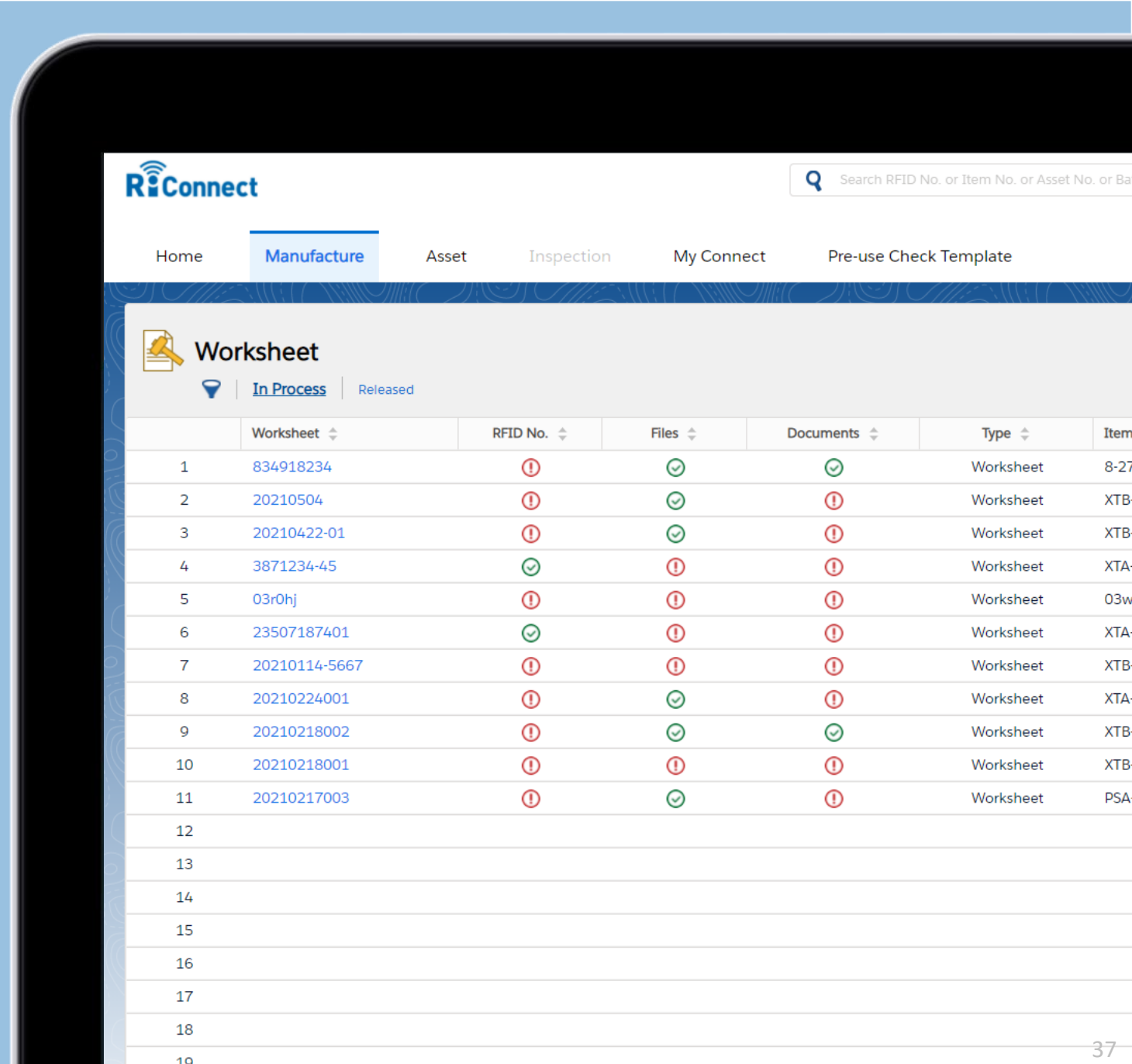


Documents



RiConnect benefits to Manufacturers:

- 1 Traceability
- 2 Digitised Documentation
- 3 Authentication
- 4 Efficiency**



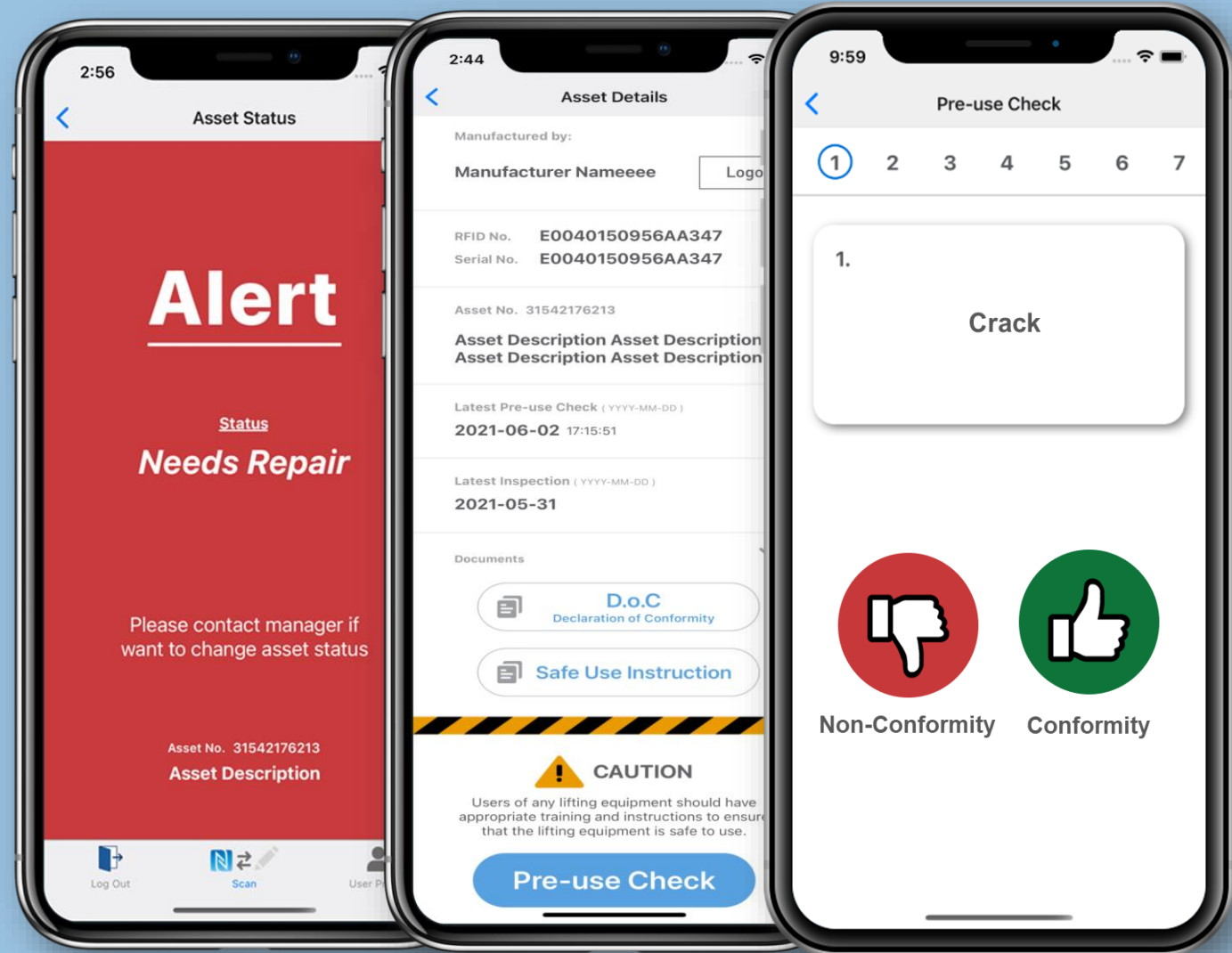
A large industrial crane is lifting a white rectangular container from the deck of a ship. The crane's boom extends from the right side of the frame towards the center. The container is suspended by a red hook and cables. In the background, another ship is visible, and the sky is blue with some clouds. The overall scene is an industrial maritime setting.

RiConnect benefits to Asset Owner:



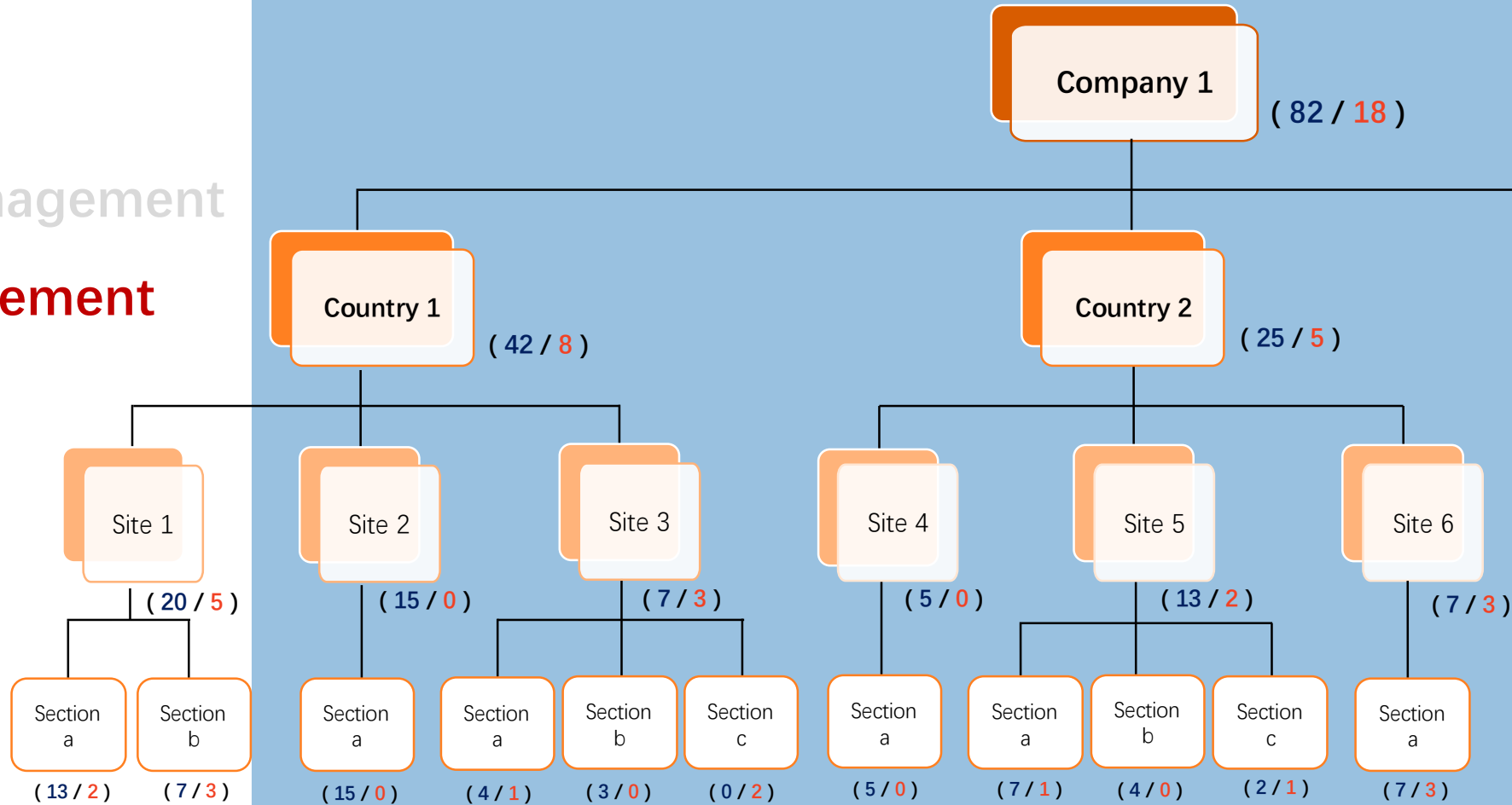
RiConnect benefits to Asset Owner:

1 Pre-use Check & management



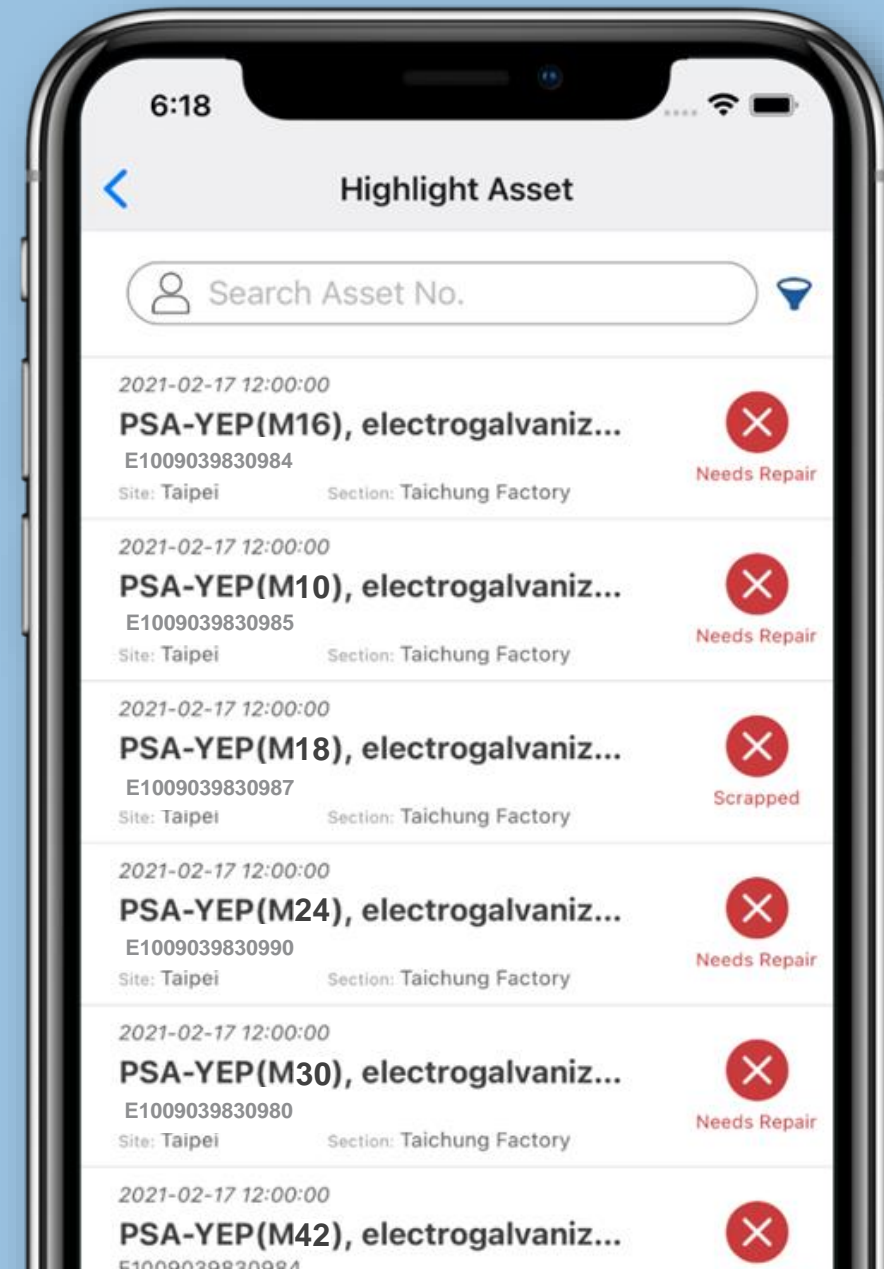
RiConnect benefits to Asset Owner:

- 1 Pre-use Check & management
- 2 Asset location management**

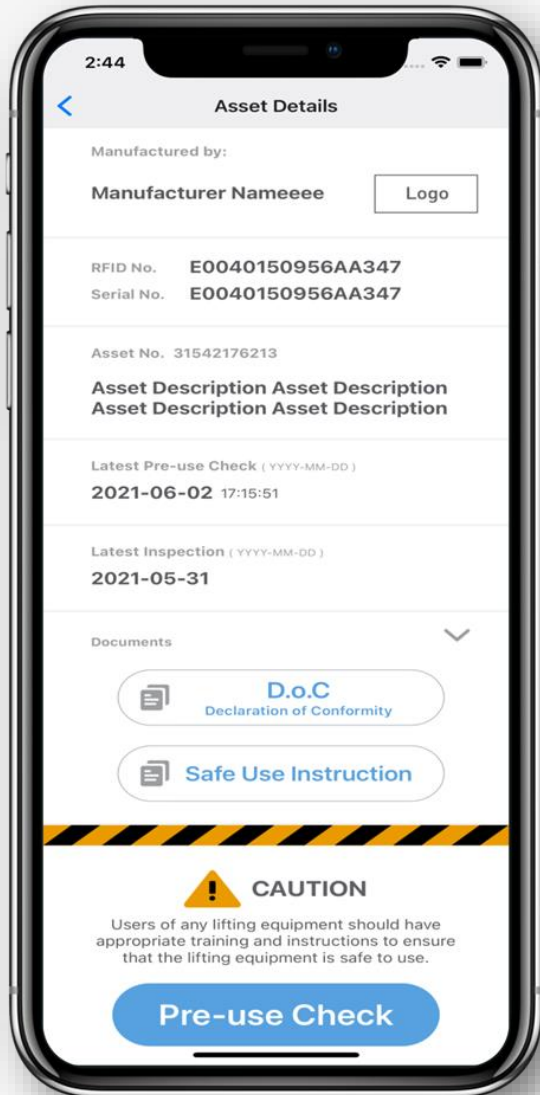


RiConnect benefits to Asset Owner:

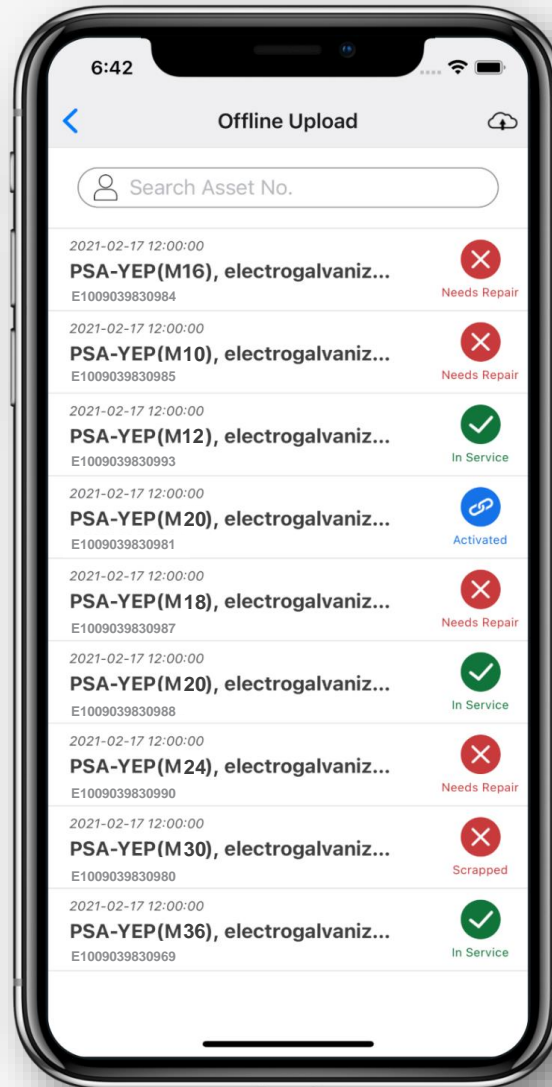
- 1 Pre-use Check & management
- 2 Asset location management
- 3 **Highlight asset management**



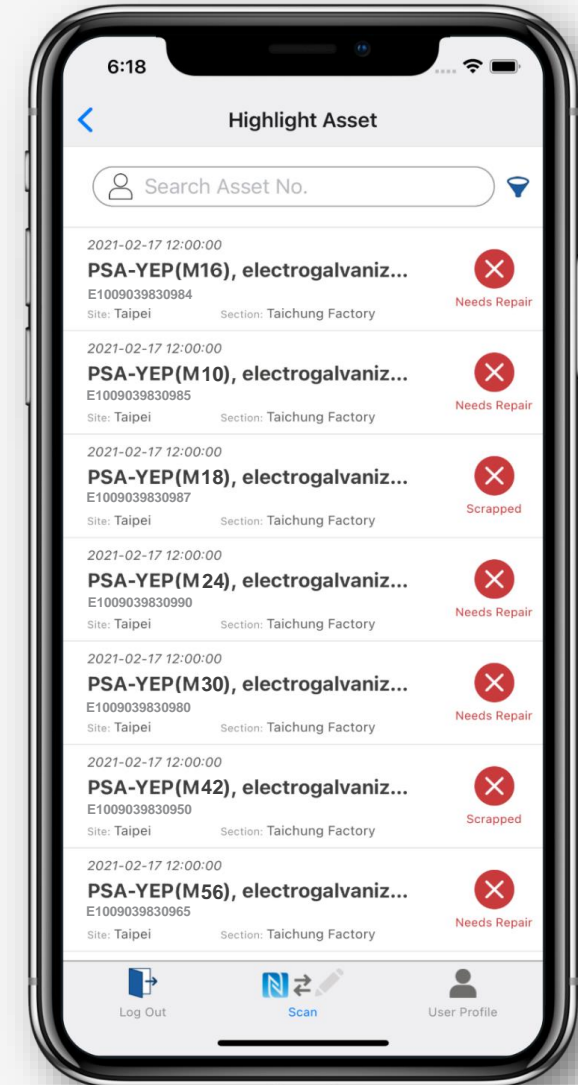
Asset Details



Offline Inspection



Highlight Asset





Safety is Essential

Easy, Smart, Friendly

Thank you!

