VERIFICATION OF CONFORMITY

No.: IN-SH-CP-5627-24064

Applicant: **CORONET GROUP SUZHOU CO., LTD.**

Address: **ASCENDAS XINSU SQUARE, 5 XINGHAN STREET, SUZHOU, JIANGSU, CHINA**

Manufacturer: **Q/IN-SH-CP-5627-24028**

It has been verified that

Product(s): **RINGLOCK SCAFFOLD**

Specification: **See the next page**

Material: **Q345**

are submitted by the applicant to the testing of the product in accordance with **the applicant's requirements**

The product is deemed to be in conformity with the requirements of **EN 12810-1:2003 clause 6.2.2, clause 7.3.1, clause 7.3.2, clause 7.3.3, clause 7.3.4, clause 8.1**

on basis of the test report of **SHIN2401000072CM01_EN**

This verification is valid from **29 February 2024** until **28 February 2027** and remains valid as long as the manufacturing Conditions in the plant and the factory production control itself are not modified significantly.

Issue 1. This verification was first issued on **29 February 2024**

Authorised by

Scan to see the report

IN-SH-CP-5627-24064

Verification: check.sgsonline.com.cn

Lisa Liang

Manager

Industries Service - CP Certification

SGS-CSTC Standards Technical Services Co., Ltd.

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Product specifications are shown as following:

Reference Number	Product Specification
RV33	Ring lock Standard 1.0m
RV66	Ringlock Standard 2.0m
RH207	Ringlock Ledger 2.07m
RH109	Ringlock Ledger 1.09m
RDB207	Ringlock Diagonal Brace 2.07x2.0m
RDB109	Ringlock Diagonal Brace 1.09x2.0m
ROSP32207	Ringlock Steel Plank 2.07x0.32m
ROSP32109	Ringlock Steel Plank 1.09x0.32m
RTB207	Ringlock Steel Toeboard 2.07m
RTB109	Ringlock Steel Toeboard 1.09m
CSJB600	Ringlock Base Jack 600mm
RSC-L	Ringlock Base Collar 310mm
RUHEAD600	Ringlock U Head Screw Jack 600mm

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Results of examinations are as following:

Test Items	Test Method	Requirements	Results	Verdict
Steel tubes (circular)	EN 12810-1:2003 clause 6.2.2	For 2.0m standard (Φ48.3mm): t (wall thickness) =3.2mm (claimed by client); R (Yield strength) ⩾235N/mm² Tolerance of the wall thickness: ±10%	t=3.23mm; R=439N/mm² Tolerance of the all thickness: 0.9%	Pass
Further requirements general	EN 12810-1:2003 clause 7.3.1	a) Every area for access and working shall be so arranged as to provide a convenient working place; b) Attention shall be paid to ergonomic consideration; c) The area shall be fully decked and shall be provided with appropriate side protection; d) Connections between separate parts shall be effective and easy to monitor and easy to assemble and secure against accidental disconnection.	It satisfies the requirement of a), b), c) and d)	Pass

Further requirements general	EN 12810-1:2003 clause 7.3.1	0.9m ⩽ w (width of bay) ⩽1.2m;
		c (free walking space) ⩾500mm;
		b (clear distance between standards) ⩾600mm;
		h3(clear head height between working areas) ⩾1900mm.
			W=1060mm;
			c=1042mm;
			b=1000mm;
			h_3=1930mm.
				Pass

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Results of examinations are as following:

Test Items	Test Method	Requirements	Results	Verdict
Side protection	EN 12810-1:2003 clause 7.3.2	The principal guardrail shall be fixed so that its top surface is 1m or more above the adjacent level of the working area everywhere (absolute minimum height 950mm)	The absolute height is 998mm	Pass
		The distance between the intermediate and adjacent principal $d_2 \leqslant 470$mm	d_2 =452mm	Pass
Base jacks	EN 12810-1:2003 clause 7.3.3	Base jacks shall have a minimum adjustment of 200mm	The base jack can be adjusted 450mm	Pass
		The area of the end plate shall be a minimum of 150 cm². The minimum width shall be 120 mm	The area of end plate is 213cm². The width is 150mm	Pass
		The inclination of the axis of the shaft from the standard does exceed 2.5%	The inclination of the axis of the shaft from the standard is 2.5%	Pass
		The minimum overlap length at any position of adjustment shall be 25% of the total length of the shaft, or 150mm which is greater	The minimum overlap length of adjustment is 154mm	Pass
		The thickness of the endplate shall be at least 6 mm	The thickness of the endplate is 8 mm	Pass

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Results of examinations are as following:

Test Items	Test Method	Requirements	Results	Verdict
Platform	EN 12810-1:2003 clause 7.3.4	For the versatility of platform height, the scaffold include components to enable: a) The erection of adjacent pairs of standards on surfaces which differ in level by any amount up to 2.0m b) the erection of a single platform at any height between 2.0m and 24.0m	The scaffold includes components to satisfy the requirement of a) and b).	Pass
		a) Platform units should have a slip-resistant surface b) Working area shall be as level as possible.	It satisfies the requirement of a) and b).	Pass
		c) The decking components should close any gap between them wider than 25mm. d) Where a standard separates parts of a platform, the distance between these parts shall not be more than 80mm	c), No decking components provided by the client d), N/A	Pass

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Results of examinations are as following:

Test Items	Test Method	Test height	Value of Load		Requirements	Results	Verdict
Actions& Horizontal working load parallel to the bay	EN 12810-1:2003 clause 8.1& EN 12811-1:2003 Clause 6.2.9	6.61m	Self weight	3461kgf	The scaffold was capable of resisting the combination of loads without any visual deformation.	The working scaffold structure shall be capable of resisting the worst combinations of loads to which it is likely to be subjected.	Pass
			Uniformly distributed service load	2433kgf			
			50% of the uniformly distributed service load	1216kgf			
			Horizontal working load	337kgf			
Actions& Horizontal working load perpendicular to the bay	EN 12810-1:2003 clause 8.1& EN 12811-1:2003 Clause 6.2.9	6.61m	Self weight	3461kgf	The scaffold was capable of resisting the combination of loads without any visual deformation.	The working scaffold structure shall be capable of resisting the worst combinations of loads to which it is likely to be subjected.	Pass
			Uniformly distributed service load	2433kgf			
			50% of the uniformly distributed service load	1216kgf			
			Horizontal working load	337kgf			

Statement:

Unless otherwise stated the results shown in this verification refer only to the sample(s) tested. The manufacturer is obligated to guarantee stability of product performance.

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