

# Ficha Técnica

## ANDAMIO DE CARGA CERTIFICADO



Marcos en 4 pies de ancho en 6 y 4 pies de alto



Marcos en 2 pies de ancho en 6 y 4 pies de alto

### ACCESORIOS



MARCO 4x6 PIES



MARCO 4x4 PIES



MARCO 2x6 PIES



MARCO 2x4 PIES



CRUCETA



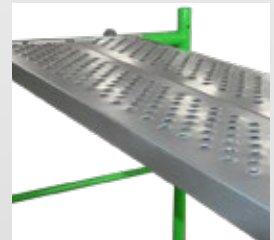
BASE



CABEZA



PIN DE UNIÓN



TABLA

# Ficha Técnica

## ANDAMIO DE CARGA CERTIFICADO

Los marcos de apuntalamiento de acero de alta carga se fabrican bajo la guía del programa Exhaustive QA / QC y acreditaciones ISO. Cada marco de apuntalamiento de acero de alta carga se prueba en fábrica para garantizar que se brinde el más alto estándar de calidad posible. Recomendado para soporte de estructuras que requieran altas capacidades de carga a alturas considerables.

### Especificaciones Técnicas

- El factor de seguridad de carga de trabajo permitida es de 2,5:1
- Los marcos de 60,3mm Ø, con 4mm de espesor.
- Receptor de cruceta de seguridad tipo "J".
- Permite utilizar plataformas de trabajo para el armado de las estructuras.

### Beneficios

- Cruceta en medida única funcional para ambos marcos, esto facilita el armado, minimiza la pérdida de equipos y ayuda a realizar configuraciones con la misma capacidad y menos accesorios.

CARGAS DE TRABAJO PERMITIDAS PARA ANDAMIAJE DE CARGA						
NÚMERO DE CUERPOS EN ALTURA	CARGA MÁXIMA DE TRABAJO SEGURA CON REGULACIÓN DE HASTA 15cm (t)	CARGA MÁXIMA DE TRABAJO SEGURA CON REGULACIÓN DE HASTA 30cm (t)	CARGA MÁXIMA DE TRABAJO SEGURA CON REGULACIÓN DE HASTA 45cm (t)	CARGA MÁXIMA DE TRABAJO SEGURA CON REGULACIÓN DE HASTA 60cm (t)	ALTURA MINIMA ALCANZADA (m)	ALTURA MAXIMA ALCANZADA (m)
1/2	26.18	22.55	18.18	15.45	1.52	2.42
1	26.18	22.55	18.18	15.45	2.13	3.03
1 1/2	24.00	20.18	16.36	15.27	3.35	4.25
2	24.00	20.18	16.36	15.27	3.96	4.86
2 1/2	21.09	19.64	15.64	14.91	5.18	6.08
3	21.09	19.64	15.64	14.91	5.79	6.69
3 1/2	19.27	17.27	15.09	14.55	7.01	7.91
4	19.27	17.27	15.09	14.55	7.62	8.52
4 1/2	18.55	16.55	14.55	14.00	8.83	9.73
5	18.55	16.55	14.55	14.00	9.44	10.34
5 1/2	18.18	15.82	14.00	13.45	10.66	11.56
6	18.18	15.82	14.00	13.45	11.27	12.17
6 1/2	18.00	15.64	13.27	13.09	10.66	11.56
7	18.00	15.64	13.27	13.09	13.10	14.00
7 1/2	17.82	15.45	12.73	12.73	14.32	15.22
8	17.82	15.45	12.73	12.73	14.93	15.83
8 1/2	17.64	15.27	12.27	12.27	16.15	17.05
9	17.64	15.27	12.27	12.27	16.76	17.66
9 1/2	17.45	15.09	11.82	11.82	17.98	18.88
10	17.45	15.09	11.82	11.82	18.59	19.49



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 FL2016.1241.1

Matt Wells  
 Direct Scaffold Supply  
 5602 Armour Dr.  
 Houston, TX 77020

**Subject:** *Compression Testing of SHHLF46JL48 Scaffold Assemblies*

Dear Mr. Wells,

On January 14, 2016, (3) SHHLF46JL48 scaffold assemblies were tested in the Fritz Lab 5000K Baldwin Lima Hamilton Testing Machine at Lehigh University.

**The scaffold assemblies were tested with an H frame of wide flange sections. A spherical bearing block was installed between the test machine crosshead and the top beam of the H frame to ensure even loading of each leg in the assembly. The test procedure was developed according to the guidelines of ANSI/SSFI SC100-5/05 Section 5.2.4. The scaffold assemblies consisted of three tiers of scaffolding with a leg extension on the bottom. The footprint of the assemblies was approximately 4' x 7'. Screw jacks with an extension of 12" were installed at the top and bottom of the assemblies. The overall assembly height was 19'-11-3/8". Load was gradually applied to the scaffold until buckling occurred. The scaffold tests are summarized in**

Table 1. A typical scaffold assembly is shown in Figure 1. An example of the typical buckling failure mode is shown in Figure 2.

**Table 1: Summary of Scaffold Tests**

Test	Overall Height	Max Load	Failure Mode	Deviation
1	239 1/4 in.	135.2 kips	Buckling	1.2%
2	239 3/8 in.	133.4 kips	Buckling	0.05%
3	239 3/8 in.	131.8 kips	Buckling	1.2%
Average:		133.5 kips		

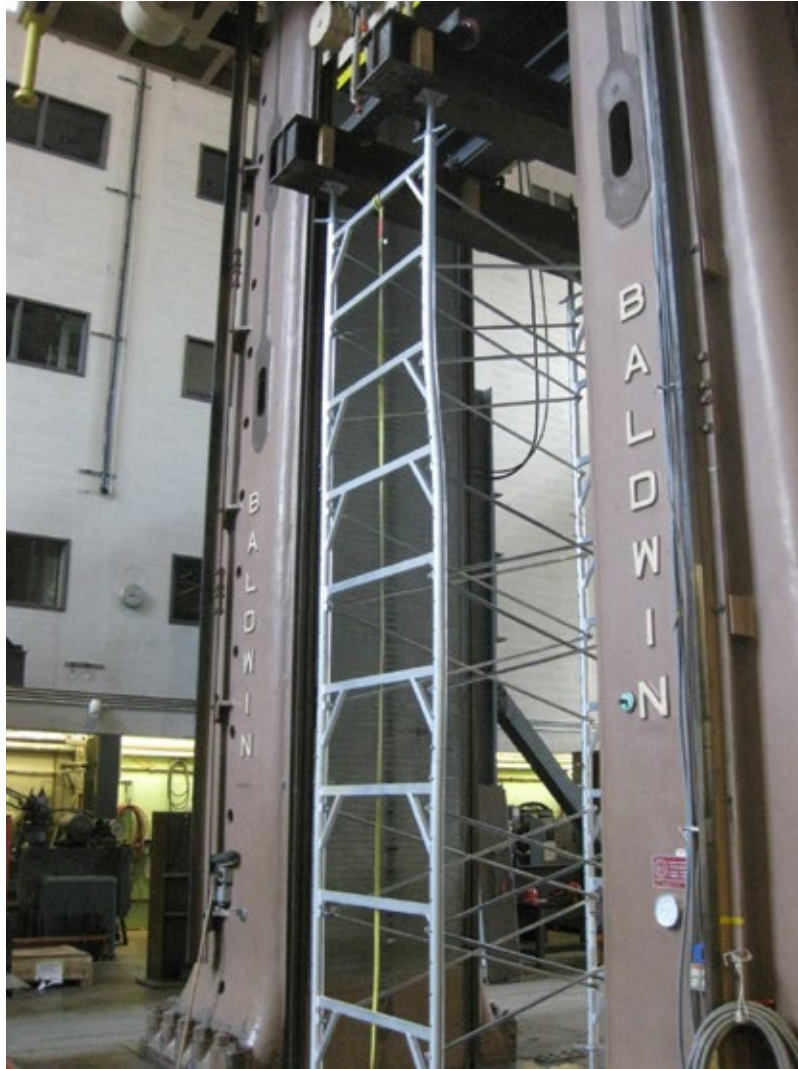
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Figure 1: Typical Scaffold Assembly



**Figure 2: Typical Buckling Failure Mode**

Additional pictures will be submitted electronically.

Robin J Hendricks

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