

Thomas J. Stahura
Executive Director, Rules and
Standards



Tuesday, June 17, 2008

C-10760

Circular Letter

Subject: AAR Certification of Ancra International's Erlanger, KY, Web Test Facility

To: MEMBERS AND PRIVATE CAR OWNERS

File Number: LR – 1.20.11

Ancra International, an assembler and distributor of textile webbing securment, requested AAR certification of their webbing test laboratory facility in Erlanger, KY. Based on an AAR inspection of this test facility, the test lab demonstrated its capability of performing all necessary requirements in the AAR's qualifying testing process for polyester webbing and web tie-down assemblies. As a result, this facility is granted AAR certification effective June 1, 2008. The certification applies only to Ancra International's Erlanger, KY, laboratory test facility.

Ancra International's Erlanger test lab has been assigned AAR marking, *AAR-74L*, which is distinctive and identifies Ancra's lab certification. The "L" in the marking indicates the above facility as an AAR approved web test laboratory.

Provided Ancra International maintains its certification status in compliance with the above rules, this certification will remain in effect through the last day of May, 2011. Prior to this expiration date, and every three years thereafter, Ancra International may apply for recertification in accordance with the AAR rules in effect at that time. Upon a successful assessment, the certification will be extended for a new 3-year period. Ancra International will be permitted to display or apply its AAR-assigned marking, *AAR-74L*, to any product tested by its Erlanger lab once that tested product has received approval from the AAR.

Accordingly, Table 20.1 of Section 1 (and Table 120.1 Section 7) in the *AAR Open Top Loading Rules (OTLR) Manual* will be revised to include Ancra International as shown in the attached sample tables.

The certification will be included in the next edition update of the *AAR OTLR Manual*. In the interim, please consider this as your authority to update the specified tables in Sections 1 and 7 of your current manual.

Questions should be directed to Mr. John H. Blackman, Manager-Open Top Loading Rules and Damage Prevention, TTCL, P.O. Box 11130, 55500 DOT Road, Pueblo CO 81001. Or email to john_blackman@aar.com.

ON BEHALF OF THE OPEN TOP LOADING RULES COMMITTEE

<http://www.adobe.com/prodindex/acrobat/readstep.html#reader>

Sincerely,
Thomas J. Stahura
Executive Director, Rules and Standards

Safety and Operations

202-639-2139 202-639-2930 Email: tstahura@aar.org
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Attachments

[ancra test facility approval section 1 table 20.1.pdf](#)

[ancra test facility approval section 7 table 120.1.pdf](#)

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20.9.5 Table 20.1 lists companies that have received AAR certification as an approved test facility.

Table 20.1 AAR-certified test facilities

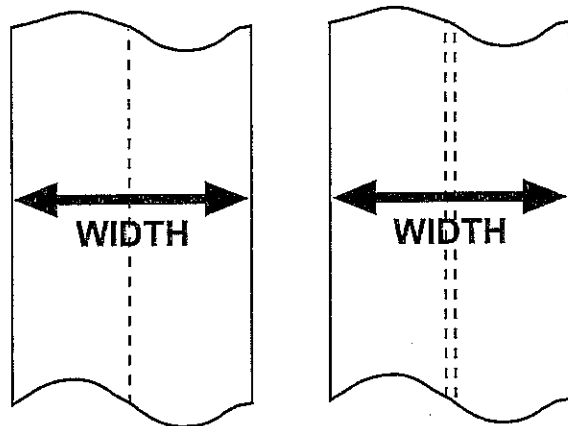
Company	Lab Location	Lab ID	Facility Certified for testing				Length of Apparatus Test Bed (ft)
			Webbing		Web Assembly		
			Date Certified	Cert. Expires	Date Certified	Cert. Expires	
SpanSet, Inc.	Sanford, NC	72L-MA	2/13/07	2/13/10	N/A	N/A	78
Ancra International	Erlanger, KY	74L-A	6/1/08	6/1/11	6/1/08	6/1/11	5.5

20.10 Marking AAR-Approved Components

20.10.1 An AAR-assigned identification mark will be issued to a company that receives webbing approval or approval as an assembler. This mark will identify and correspond to the name of the manufacturer, weaver, and/or final assembling company. The applied AAR marking is in addition to any other labeling, marking, warning notices, etc., that may be required by other regulatory bodies or jurisdictions.

20.10.2 In accordance with WSTDA-T4, a high-contrast colored marker or thread, either solid or broken, centered on at least one face of the webbing, shall indicate the strength of the webbing. A single-line colored marker, as pictured in Sketch 1 of Fig. 20.8, indicates a minimum breaking strength of 5,000 lb/in. of web width. A double-line colored marker, as pictured in Sketch 2 of Fig. 20.8, indicates a minimum breaking strength of 6,000 lb/in. of web width. The marker(s) on the webbing is for the purpose of identifying the web strength for renewal purposes and is not to imply the maximum strength or the WLL of the entire assembly, which will likely be less.

20.10.3 All AAR-approved webbing is to be identified with the weaver's AAR-assigned marking at intervals not more than every 10 ft with the following exception: for webbing that is fabricated to customer-specified lengths, the AAR marking is to be located within 18 in. of the finished end of the strap after assembly of any attachments and must be clearly visible.



SKETCH 1
Single orange marker
equals 5000 lb/in. of width*

SKETCH 2
Double orange marker
equals 6000 lb/in. of width*

*Example:

A single-line colored marker on a 4-in.-wide web indicates a strap break strength of 20,000 lb ($4 \times 5,000 = 20,000$).

A double-line colored marker on a 3-in.-wide web indicates a minimum breaking strength of 18,000 lb ($3 \times 6,000 = 18,000$).

Fig. 20.8 Web-strength-identifying colored markers

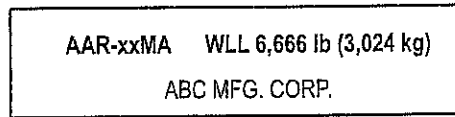
20.10.4 All AAR-approved web tie-down assemblies are to be identified with the assembler's AAR-assigned marking and must include the working load limit of the assembly.

20.10.5 The AAR identification marking must be applied at the time of production and may be accomplished by printing, stenciling, attaching a metal tag permanently to an assembly fixture, or affixing a label located within 18 in. from one end of the assembly.

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20.10.6 All required identification markings must be clearly and indelibly applied in such a way as to provide permanent identification for the useful life of the component. The company's marking must be preceded by the letters *AAR*, and separated by a hyphen (e.g., *AAR-xxM*) as shown in Fig. 20.9.



Legend for AAR Marking, AAR-xxMA:
 AAR = AAR issued approval
 xx = AAR-assigned number to identify ABC Mfg. Corp.
 M = AAR-approved as a manufacturer
 A = AAR-approved as an assembler

Fig. 20.9 Example of AAR marking

20.11 Approved Companies and Components

20.11.1 Table 20.2 lists companies that have received AAR approval of their webbing in accordance with these rules.

Table 20.2 Approved webbing companies

Company	Ref. Part No.	Type and Width of Webbing	Web MBS	AAR Marking*	Approved Through (mm/yy)
			lb (kg)		
Spanset, Inc.	P/N 141534	LoadGard(tm) woven polyester, uncoated, 4.0 in.	20000 (9092)	AAR-72MA	09/10

*M = Approved weaver/manufacturer
 MA = Approved weaver and assembler

20.11.2 Table 20.3 lists those companies that have received AAR approval of their tie-down web assemblies in accordance with these rules.

Table 20.3 Approved web assemblies and/or tensioning devices

Company	Model or Ref. Part No.	Type or Description	Assy. WLL lb (kg)	AAR Marking*	Approved Through (mm/yy)
Ancra International	P/N 43795-10xxR	4-in. wide strap with powder coated steel flat hook attached by stitching.	5,400 (2449)	AAR-74A	06/11
Ancra International	P/N 43795-11xxR	4-in. wide strap with zinc plated steel delta ring attached by stitching.	5,400 (2449)	AAR-74A	06/11
SpanSet, Inc.	P/N 152622 P/N WS4xxP	4-in.-wide Weargard(tm) orange premium polyester, PVC Impregnated with SY-8110 permanent-mount winch assembly	15,000 (6804)	AAR-72MA	09/10
Pacific Cargo	P/N 8425	Low Profile Weld on Winch.	5,000 (2268)	AAR-75A	09/10
Pacific Cargo	P/N 10227850	4-in. x 48-ft. strap with 1-in. Formed Eye.	6,600 (2994)	AAR-75A	09/10
Pacific Cargo	P/N S4515-SE	4-in. x 15-ft. strap with 4.25-in. Loop.	5,000 (2268)	AAR-75A	09/10
Pacific Cargo	P/N 20228610	4-in. x 28-ft. Ratchet strap with Chain Extension.	5,000 (2268)	AAR-75A	09/10
Protac	P/N 20189690	2-in. wide polyester web w/sewn loop ends with Cordura protective sleeve	10,000 (4536)	AAR-70A	09/10
Wisconsin Lifting Specialists	P/N 87543801	Endless Polyester Web Loops with protective Cordura sleeve.	25,000 (11340)	AAR-76A	09/10

*M = Approved weaver/manufacturer
 MA = Approved weaver and assembler
 A = Approved assembler, finisher, or distributor

20.11.3 It is recommended that winches and ratchets be durably marked with the manufacturer's name or logo and a working load limit rating in pounds and kilograms, in accordance with WSTDA-T3, latest edition.

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120.9.3.9 At the end of the 3-year certification period, a facility must submit a written request for recertification to the AAR. A checklist of the documentation required for recertification may be obtained from the AAR. Upon submission, the completed documentation will be reviewed by the Open Top Loading Rules Committee. Recertification will be issued based on the past performance of the testing facility and the completeness of its documentation and submission. At the Committee's discretion, if the proponent's submission fails to meet the Committee's stated requirements or the objectives listed in the checklist, an inspection by a designated AAR representative will be required for recertification.

120.9.4 All costs associated with testing, facility certification and recertification, and report preparation shall be the responsibility of the company requesting approval. The company requesting facility certification or recertification will be subject to a fee of \$750 per day plus travel expenses for the designated AAR representative to perform the certification inspection.

120.9.5 Table 120.1 lists companies that have received AAR certification as an approved test facility.

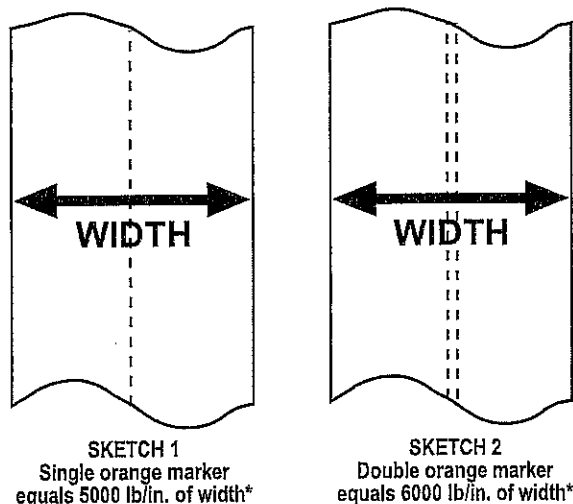
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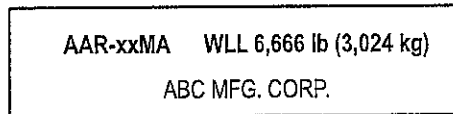
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