



Model 8517412 includes the following

Item	Part no.	Description
1	8517412	PFAS Weld-on Plate c/w Tie-Off Anchor
ACCESSORIES SHOWN IN GREY BUT ARE NOT INCLUDED		
2	8516691	UCL Advanced Portable Fall-Arrest System Anchor Post

DESCRIPTION

The 17412 Weld-on Plate is designed to be permanently welded to existing structures in locations of frequent work, or where use of a portable base is impractical. Compatible with all UCL Safety Systems portable fall-arrest masts & accessories. The weld-on plate permanently addresses your fall-arrest anchor point requirements.

General Specifications:

Proof Load Moment	190,000 in/lb (20.84 KN.m)
Anchor Eye Proof Load	5000 lbs (22.2 kN)
Weight	11.8 lbs. (5.3 Kgs.)

The Weld-on Plate when installed & used in accordance with the manufacturer's instructions, is designed to support the loads required by all portable fall-arrest masts and accessories when installed and used in accordance with manufactures instructions.

Materials & Construction:

General Construction	Welded Steel
Weld Certification	CWB-47.1
Material	H.R. Plate & bar
Finish	Provided in bare steel for welding

Mounting Requirements

Fall-Arrest Post Model # & Type	Moment Requirement	Vertical Load Requirement
Model 11226 Portable Fall-Arrest Post	110,000 in-lbs (12.1 kN-m)	3000 lbs (13.4 kN)
Model 14249 Variable Height Portable Fall-Arrest Post	155,000 in-lbs (17 kN-m)	3000 lbs (13.4 kN)
* Model 16691 Advanced Series Portable Fall-Arrest Anchor Post	190,000 in-lbs (20.8 kN-m)	3100 lbs (13.8 kN)
Model 16996 Advanced Series 14 ft Anchor Post	130,000 in-lbs (14.2 kN-m)	2250 lbs (10.0 kN)

*** Install to this strength requirement where ever possible to avoid potential incompatibility with different models**

Application Restrictions

1. The Weld-on Plate is designed for use with all UCL Safety Systems portable fall-arrest masts & accessories **ONLY**.
2. Ratings, capacities and design factor may vary with system components & configurations. Consult specification sheets for all system components before using to ensure compliance with requirements.
3. Welding procedure **MUST BE** approved by qualified personnel to be compatible with any and all structural & operational characteristics of the selected installation location.
4. Mounting surface **MUST BE** within 23° of horizontal for Model 11226, 15° of horizontal for Model 14249, and 15° of horizontal for Model 16691, and 15° of horizontal for Model 16996, and plate **MUST BE** installed so that the portable fall-arrest mast can be leveled for use.
5. Each installation **MUST BE** approved to local standards by a qualified engineer.

CERTIFICATION



