

PRODUCT : MAGNA HARNESS
REF. NO. : MAGNA 3

DOC. NO.	QF/RD/05
ISSUE	01
REVISION	01
DATE	01-11-2013

CONFORMING TO EN 361:2002,
EN 358:1999 & EN 813: 2008



TECHNICAL DATA SHEET

1	PHYSICAL PARAMETERS	GENERAL	ATTACHMENT ELEMENTS	<ul style="list-style-type: none"> • One Dorsal attachment D-ring for fall arrest. • One front attachment D-ring at chest (Sternal) for fall arrest. • One front (ventral) D-ring at waist level for Rope Access. • Two lateral D-Rings at waist for Work Positioning.
			ADAPTABILITY	<ul style="list-style-type: none"> • Fully Adjustable shoulder, thigh straps & waist strap.
			CONVENIENCE	<ul style="list-style-type: none"> • Shoulder straps & thigh straps are provided with automatic buckles & waist strap has combination buckles for easy adjustment. two tool holder loops & an extra-large handle at the back for keeping extra karabiners and accessories. Lanyard Keepers on shoulder straps have been provided for easy placement of free lanyards.
			ERGONOMICS	<ul style="list-style-type: none"> • Ideally positioned Elasticated straps for extended comfort. • Specially cushioned Shoulder, waist and thigh pads has been used for better shock absorption & comfort of the user. • Equipped with lightweight aluminum D-Ring to



				<p>facilitate maximum comfort.</p> <ul style="list-style-type: none"> • Bend D-Ring for easy accessibility to the user during positioning at all times.
			WEIGHT	2410 gm ± 10 gm
2	TEXTILE COMPONENTS	WEBBING	MATERIAL WIDTH BREAKING STRENGTH	<p>Polyester</p> <p>44 ± 1mm</p> <p>23 kN (Min.) 30 kN (Min.) for W.P belt</p>
		STITCHING THREAD	MATERIAL COLOUR	High-tenacity polyester Black & Green (Contrasting colour to facilitate visual inspection)
		COMFORT PADDING	MATERIAL COLOUR	Broad Shoulder X - pad made of soft cushioned foam, lined with non skin-irritant net material Fluorescent Green
3	METALLIC ASSEMBLY		MATERIAL PLATING FINISH	High Strength Steel/(D-Ring in Aluminum Alloy) Zinc plated / Natural silver/ Coloured. Black Powder Coated/ Anodized
4	VITAL TEST COMPLIANCE	STATIC STRENGTH	HARNESS WORK POSITIONING BELT	<p>The harness was not released the torso dummy when subject to force of 15 kN in the direction of the neck and 10 kN in the direction of legs. Both force to be applied for 3 minutes.</p> <p>15 kN sustained for 3 minutes without release of the test cylinder</p>
		DYNAMIC PERFORMANCE	HARNESS WORK POSITIONING BELT	<p>The harness was not released the torso dummy when subject to two successive 4 meter drop tests (one with torso dummy feet first and one with torso dummy head first) after each drop test: torso dummy to be in head up position at an angle of less than 50° to the vertical</p> <p>100 Kg test dummy arrested following 1 meter freefall</p>