

Electricity Specification HR1

Issue 3 December 2022

Working at Height Safety Equipment Safety Harnesses and Rescue kits



Amendment Summary

ISSUE NO. DATE	DESCRIPTION
Issue 1 October 2021	Restructured and reformatted into the new Model Electricity Specification. ES400H3 and ES400R1 combined into one new document for Working at Height PPE and rescue kits. All PPE and Rescue kits have been reviewed. The MEWP rescue kit has been removed. Prepared by: D. M. Talbot Approved by: Policy Approval Panel and signed on its behalf by Steve Cox, Engineering and Technical Director
Issue 2 October 2022	Detailed requirements added for Pole Choker including reference to ENA TS 43-123. Prepared by: David Talbot Approved by: Policy Approval Panel and signed on its behalf by Steve Cox, DSO Director.
Issue 3 December 2022	Additional Approved Harness added. Prepared by: David Talbot Approved by: Policy Approval Panel and signed on its behalf by Steve Cox, DSO Director.

Contents

1	Introduction	5
2	Scope	5
3	Definitions	6
4	General Requirements for Approvals and Testing	6
	4.1 Product not to be Changed	6
	4.2 Electricity North West Technical Approval	7
	4.3 Quality Assurance	7
	4.4 Formulation	7
	4.5 Identification Markings	8
	4.6 Minimum Life Expectancy	8
	4.7 Product Conformity	8
	4.8 Confirmation of Conformance	8
5	Requirements for Type and Routine Testing	8
	5.1 Requirement for Type Tests at Suppliers Premises	8
	5.2 Requirement for Routine Tests at the Supplier's Premises	8
6	Technical Requirements	9
	6.1 Compliance	9
	6.2 Complete Equipment List	9
	6.3 Equipment Details	9
	6.4 Samples of Equipment	13
7	Documents Referenced	14
8	Keywords	16
	Appendix A – Schedule of Items	17
	Appendix B – Kit Content Details	19
	B1 : KIT CONTENTS FOR WOOD POLETOP RESCUE KIT (25M)	19
	B2 : KIT CONTENTS FOR Steel Tower Overhead Lines Rescue Kit (80M)	20
	B3 : KIT CONTENTS FOR LADDER ACCESS RESCUE SYSTEM	21
	B4 : KIT CONTENTS FOR HeIGHTEC TROLLEY RESCUE SYSTEM	22
	Appendix C – Conformance Declaration	23
	Section-by-section Conformance with Specification	23

All Rights Reserved

The copyright of this document, which contains information of a proprietary nature, is vested in Electricity North West Limited. The contents of this document may not be used for purposes other than that for which it has been supplied and may not be reproduced, either wholly or in part, in any way whatsoever. It may not be used by, or its contents divulged to, any other person whatsoever without the prior written permission of Electricity North West Limited.

1 Introduction

This specification comprises general and technical requirements for safety equipment for use when working at height to be used on the electricity distribution network (Network) owned by Electricity North West Limited, as Distribution Licensee.

2 Scope

This Specification comprises general requirements for the design, testing and approvals required for supply of the following;

- a) Safety harnesses, fall arrest equipment and associated equipment for work on high structures such as overhead line poles/towers and equipment support structures in substations.
The standards that shall be met by each item of kit are specified and must be complied with in full.
- b) Overhead line rescue kits (wood pole, steel tower, ladder access/rescue and trolley rescue) used on the electricity distribution network owned by Electricity North West Limited (Electricity North West).
The standards that shall be met by each item of kit are specified and must be complied with in full.

Approved component descriptions and commodity code numbers are included in [Appendix A](#).
The contents of each kit are identified and detailed in [Appendix B](#).

3 Definitions

Approval	Sanction by the Electricity North West Circuits Policy Manager that specified criteria have been satisfied
Contract	The agreement between Electricity North West and the Contractor for the execution of the Works including therein all documents to which reference may properly be made in order to ascertain the rights and obligations of the parties under the said agreement.
Contractor	The person or person's firm or company, including personal representatives, successors and permitted assigns, who's Tender has been accepted by Electricity North West.
Specification	The Specifications and schedules (if any) agreed by the parties for the purpose of the Contract.
Sub-Contractor	Any person (other than the Contractor) named in the Contract for any part of the Works or any person to whom any part of the Contract has been sub-let with the consent in writing of the Electricity North West Circuits Policy Manager, and the legal representatives, successors and assigns of such person.
Supplier	Any person or person's firm or company who supplies goods to Electricity North West or to its Contractor.
Tender	An offer in writing to execute work or supply goods at a fixed price.
Tenderer	The person or person's firm or company, including personal representatives, successors and permitted assigns, invited by Electricity North West to submit a Tender.

4 General Requirements for Approvals and Testing

4.1 Product not to be Changed

No change in the product, packaging or labelling shall be made after Approval has been granted without prior notice to the Electricity North West Circuits Policy Manager, and receipt of a written agreement to the proposed change from the Electricity North West Circuits Policy Manager.

4.2 Electricity North West Technical Approval

The Tenderer shall submit, with this Tender, proposals for testing which will demonstrate, to the satisfaction of the Electricity North West Circuits Policy Manager, compliance with this Specification. Such tests shall be carried out without expense to Electricity North West.

Alternatively, technical reports and other data may be submitted that the Tenderer considers will demonstrate, to the satisfaction of the Electricity North West Circuits Policy Manager, compliance with this Specification. Acceptance of this evidence shall be at the discretion of the Electricity North West Circuits Policy Manager but will not be unreasonably withheld.

Approval shall be 'factory specific' and is not transferable to another factory without the written Approval of the Electricity North West Circuits Policy Manager.

The Supplier and product shall comply with all the relevant requirements of Electricity North West document CP311.

4.3 Quality Assurance

The Tenderer shall confirm whether or not Approval is held in accordance with a quality assurance scheme accredited under ISO 9000. If not, the Tenderer shall submit a statement of the quality assurance procedures employed to control the quality of the product, including the performance of Suppliers and Sub-Contractors.

The right is reserved for the repeat of such tests, from time to time, that the Electricity North West Circuits Policy Manager may deem to be reasonably necessary to demonstrate continued compliance with the Specification.

The Tenderer shall submit, with the Tender, a list of tests and inspections which are carried out on the product prior to despatch which shall demonstrate, to the satisfaction of the Electricity North West Circuits Policy Manager, fitness for installation and service.

The Tenderer shall provide free of charge to Electricity North West such samples as may, in the opinion of the Electricity North West Circuits Policy Manager, be reasonably required for inspection and/or retention as quality control samples. The Electricity North West Circuits Policy Manager will confirm the requirement for samples at the time of Tendering.

The right is reserved for inspections to be made of Tenderer's facilities, from time to time, as deemed reasonably necessary by the Electricity North West Circuits Policy Manager to ensure compliance with this Specification and any Contract of which it forms a part.

The Tenderer shall submit, with the Tender, such details of product packaging disposal, as will enable Electricity North West to comply with the requirements of BS EN ISO 14001 - Environmental Management Systems.

4.4 Formulation

The Tenderer shall submit, with the Tender, such details of the formulation and use of the product and associated substances as will enable Electricity North West to comply with the obligations of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations, in the use, storage and disposal of the product. The Tenderer may stipulate, prior to submission of such information, that it is to

remain confidential, and the Electricity North West Circuits Policy Manager will, if requested, confirm agreement to this prior to receipt of the information.

4.5 Identification Markings

The Tenderer shall submit, with the Tender, details of markings which it is proposed to apply to the product or packaging to identify manufacturing batches or items. The forms and content of such markings shall be subject to the Approval of the Electricity North West Circuits Policy Manager and shall in all cases include the Electricity North West approved description and commodity code number.

The Tenderer shall submit, with the Tender, such details of marking gross weight on components, assemblies and packages, as will enable Electricity North West to comply with the Health and Safety Manual Handling Operation Regulations, for components, assemblies and packages supplied with a gross weight over 1kg. The forms and content of such markings shall be subject to the Approval of the Electricity North West Circuits Policy Manager.

All products supplied to this specification should be permanently and prominently marked with a unique serial number and date of manufacture (in Month/Year format).

4.6 Minimum Life Expectancy

The minimum life expectancy of all products covered by this Specification is 5 years from date of manufacture.

4.7 Product Conformity

Preference will be given to those Suppliers who can provide suitable product conformity certification to a recognised or specified standard, or an equivalent certification.

4.8 Confirmation of Conformance

The Tenderer shall complete the conformance declaration sheets in Appendix C. Failure to complete these declaration sheets may result in an unacceptable bid.

5 Requirements for Type and Routine Testing

The Electricity North West Circuits Policy Manager shall set out the requirement of the following tests to be carried out by the Supplier at the Supplier's cost.

5.1 Requirement for Type Tests at Suppliers Premises

These are a series of one-off type tests, which are carried out to ensure the satisfactory performance of the product design, under extremes of operating stresses, and of endurance, as may be appropriate, to be determined by the Electricity North West Circuits Policy Manager.

These may or may not be destructive tests.

5.2 Requirement for Routine Tests at the Supplier's Premises

These tests may be required to be carried out on every individual unit or component, as specified, or at some regular frequency to be determined by the Electricity North West Circuits Policy Manager.

The results of these tests may be required to be supplied to Electricity North West with each unit purchased or retained for inspection, at a period to be determined by the Electricity North West Circuits Policy Manager.

6 Technical Requirements

6.1 Compliance

All equipment described in the specification should comply with latest versions of the relevant specifications referenced in [Section 7](#).

[Appendix B](#) summarises the standards applicable to each item that make up the rescue kits.

6.2 Complete Equipment List

The complete equipment shall comprise of:

- Body Harness with integral Pole-belt, or
- Body Harness with integral work positioning Belt (Craftsman - Fitting), or
- Body Harness with work positioning Belt (Craftsman - Steel Tower)
- Pole-strap
- Pole Choker
- Climbing Irons
- Lanyard
- Double Lanyard - Steel Towers (Refer also to CP430 - Part 2)
- Fall Rope with Rocket - Fall Rope Attachment
- Rescue Kit - Wood Pole (Refer also to CP430 - Part 1)
- Rescue Kit - Steel Towers (Refer also to CP430 - Part 2)
- Ladder Access and Rescue System (Refer also to CP430 – Part 1).
- Trolley Rescue Kit

6.3 Equipment Details

6.3.1 Body Harness / Pole Belt

The full body harness shall be made of polyester webbing and shall include means of adjustment for the shoulder, chest and leg straps. Colour coded fasteners to ensure that the correct connections will be made, may be required. A large sternal attachment shall be provided. Alloy fasteners and D rings at fall arrest point shall be used where possible.

The harness shall provide tool bag and frog attachments. Padded adjustable, floating shoulder straps shall be provided.

An integral pole-belt as described in the paragraphs below, shall be provided.

The chest, shoulder straps and leg loops shall be fitted with quick release fixings. A “D2” ring shall be fitted at the centre point of both the back and front of the harness for dual use as a fall arrester anchor point and a rescue point.

The integral pole-belt shall be made of polyester webbing and fitted with a floating leather or webbing comfort pad such that the wearer is able to swivel within the waist belt without re-positioning the associated pole-strap. Fastening shall be by means of a quick release fixing.

A rigid cranked large "D" ring shall be fitted to each side of the waist belt to be used in conjunction with the pole-strap for work positioning.

The whole belt shall be located between the harness straps, with sufficient vertical adjustment to allow the wearer to position the belt around the waist or buttocks as required.

The harness for the Mobile Elevated Working Platform (MEWP) shall not require a waist belt and tool or frog attachments.

6.3.2 Pole-strap

Constructed from polyester webbing with an overall length of 2m, including end fittings.

Completely detachable by means of either a type 20 LF snap-hook or a twist-lock Karabiner, at each end.

Fully adjustable for length by means of an adjuster that can be operated using one hand only, whilst the belt is being used to support the wearer in the working position. The pole belt shall fully support the wearer in the work positioning mode without any slippage occurring during use. One end of the pole-strap shall be permanently fitted with a moulded plastic sleeve stiffener to assist in passing the strap around an anchorage point.

6.3.3 Lanyard

Constructed with rope type assembly, with 1 x sliding belay loop and 1 x fixed loop at the joint between the shock absorber and the lanyard rope part. The overall length shall be 2m, including end fittings.

There shall be a 6kN shock absorber incorporated into the length of the lanyard at the harness end.

Completely detachable by means of a type 20 LF snap - hook at one end. Triple action karabiner at the Shock Absorber end. Lanyards shall operate on all poles sizes from light to extra stout and meet the requirements of ENA TS 43-123 for class A1 and B1, without gaffs.

Sleeve stiffeners and wear pads shall not be fitted.

6.3.4 Pole Choker

Constructed from polyester webbing, and when fitted according to the manufacturer's instructions, to encircle (thus securing to) a pole and attach to the side attachment points of a waist belt integral to a full body harness. The Pole Choker shall arrest an accidental fall whilst ascending and descending on an overhead line pole and limiting a fall within specified limits of fall-height, arrest force and rearward jack-knife acceleration. Pole Chokers shall operate on all poles sizes from light to extra stout and shall meet the requirements of ENA TS 43-123 for class A1 and B1, without gaffs.

6.3.5 Fall Rope

16mm nylon rope fitted with nylon thimbles at both ends, weighted at one end and with captive SAFLOK type hook on the other end. Length shall be appropriate to the work being undertaken.

6.3.6 Rescue Kit for Wood Pole Overhead Lines

This kit shall comprise of items as described in Appendix B, bagged up and ready for use.

Within each kit, each item shall have the same ID number indelibly marked on it. Instructions on the use of the kit shall be provided for training purposes. Individual component instructions provided by the manufacturer must also be supplied.

A sealable bag in high visibility waterproof material with shoulder-carrying straps. Attachment karabiner to EN 362. The bag shall have "Rescue Kit Wood Pole – 25m" in indelible material on the outside of the bag in font size large enough for easy identification.

The manufacturing date of the rescue kit shall be clearly marked on the outside of the bag.

6.3.7 Rescue Kit for Steel Tower Overhead Lines

This kit shall comprise of items as described in Appendix B, bagged up and ready for use.

Within each kit, each item shall have the same ID number indelibly marked on it. Instructions on the use of the kit shall be provided for training purposes. Individual component instructions provided by the manufacturer must also be supplied.

A sealable bag in high visibility waterproof material with shoulder-carrying straps. Attachment karabiner to EN 362. The bag shall have "Rescue Kit Steel Tower – 80m" in indelible material on the outside of the bag in font size large enough for easy identification (minimum letter height shall be 20mm).

The manufacturing date of the rescue kit shall be clearly marked on the outside of the bag.

6.3.8 Ladder Access Rescue System (LARS)

This kit shall comprise of items as described in [Appendix B](#), bagged up and ready for use.

Within each kit, each item shall have the same ID number indelibly marked on it. Instructions on the use of the kit shall be provided for training purposes. Individual component instructions provided by the manufacturer must also be supplied.

A sealable bag in high visibility waterproof material with shoulder-carrying straps. Attachment karabiner to EN 362. The bag shall have "Ladder Access Rescue System" in indelible material on the outside of the bag in font size large enough for easy identification (minimum letter height shall be 20mm).

The manufacturing date of the rescue kit shall be clearly marked on the outside of the bag.

6.3.9 Trolley Rescue System

This kit shall comprise of items as described in [Appendix B](#), bagged up and ready for use.

Within each kit, each item shall have the same ID number indelibly marked on it. Instructions on the use of the kit shall be provided for training purposes. Individual component instructions provided by the manufacturer must also be supplied.

A sealable bag in high visibility waterproof material with shoulder-carrying straps. Attachment karabiner to EN 362. The bag shall have "Trolley Rescue System" in indelible material on the outside of the bag in font size large enough for easy identification (minimum letter height shall be 20mm).

The manufacturing date of the rescue kit shall be clearly marked on the outside of the bag.

6.3.10 Additional Items for use with Rescue Kits

6.3.10.1 Casualty Hoist

A casualty hoist, if provided shall be designed to assist in the transfer of a casualty's bodyweight to the rescuer's system with ease and safety.

The casualty hoist shall be compact and have its own bag. The casualty hoists shall be stored in a separate compartment within the steel tower or wood pole rescue kit bag.
The casualty hoist shall have a minimum rated load of 150 kg.

Alternatively, the user shall use an approved lifting method.

6.3.11 Individual Items for Rescue Kits

The following clauses specify items in alphabetical order:

6.3.11.1 Descender

The descender shall be a stop-go-stop type, preferably with an anti-panic function. Additionally, it may have a permanent stop position.

The descender shall be suitable for a two-man descent and shall have an attachment point for a 12mm pear shaped screwlink connector (Maillon Rapide) or triple actions karabiners. Connectors or karabiners to meet EN 362.

The attachment point shall be provided with a triple action karabiner. This connector shall have two 12cm long stitched flat (not circular) webbing slings/lanyards fitted (that meet EN 566, EN 354 or 759b) which provide rescuer and casualty attachment. Triple action karabiners (that meet EN 362) are to be fitted (with a retaining system to prevent karabiner rotation during use) to the other ends of the slings. The karabiner for attaching the casualty shall have a wider gate opening (minimum 24mm) and be of a different colour for easy identification.

Descenders shall meet the requirements of EN 341 Class A and EN 12841 type C. The rope diameter shall be as specified below for the rope in the kit.

6.3.11.2 Shears

The shears shall be of the safety type suitable for cutting either rope (up to 12mm) or webbing.

The shears shall be stored within the bag and shall have a means of attachment (loop/ring/eye) to which the shears is attached by a 1m lanyard.

6.3.11.3 Rope

All knots or terminations shall be encapsulated in clear plastic.

The rope shall have a triple action karabiner held captive at one end and a stopper knot at the other end. The knot or termination at the karabiner end shall be kept as short as possible to gain maximum length of effective rope.

The rope shall be low stretch kernmantle 10.5 to 11mm diameter.

The rope shall be a distinctive bright colour.

The rope shall be suitable for a two-man descent.

Ropes shall meet the requirements of EN 1891 Type A with a minimum breaking load of 25kN.

The length of rope will be as specified in the kit contents

6.3.11.4 Sling

A webbing anchor sling shall be provided. The anchor sling shall have a protective cover. The anchor slings shall be 165cm long.

The webbing anchor slings shall meet the requirements of EN 795:2012 Type B, EN 566:2006 and PD CEN/TS 16415:2013. The webbing anchor slings to have a minimum breaking load of 70kN.

6.4 Samples of Equipment

Sample items shall be provided by each tenderer, for examination and formal Approval by Electricity North West.

7 Documents Referenced

All references to documents listed below are to the latest versions, unless stated otherwise.

DOCUMENTS REFERENCED	
Health and Safety at Work Act.	
Control of Substances Hazardous to Health Regulations	
Manual Handling Operations Regulations	
BS EN ISO 9000	Quality management systems
BS EN ISO 14001	Environmental management systems. Requirements with guidance for use
BS EN 341	Personal fall protection equipment Descender devices for rescue
BS EN 354	Personal fall protection equipment Lanyards
BS EN 355	Personal protective equipment against falls from a height. Energy absorbers
BS EN 358:	Personal protective equipment for work positioning and prevention of falls from a height. Belts for work positioning and restraint and work positioning lanyards
BS EN 360:	Personal protective equipment against falls from a height. Retractable type fall arresters
BS EN 361:	Personal protective equipment against falls from a height. Full Body Harness
BS EN 362:	Personal protective equipment against falls from a height. Connectors
BS EN 363:	Personal protective equipment against falls from a height. Fall arrest systems

BS EN 364:	Personal protective equipment against falls from a height. Test methods
BS EN 365	Personal protective equipment against falls from a height. General requirements for instructions for use, maintenance, periodic examination, repair, marking and packaging
BS EN 566	Mountaineering equipment. Slings. Safety requirements and test methods
BS EN 795	Personal fall protection equipment. Anchor devices
BS EN 813	Personal fall protection equipment. Sit harnesses
BS EN 1496	Personal fall protection equipment. Rescue lifting devices
BS EN 1497	Rescue Equipment. Rescue Harness
BS EN 1891	Personal protective equipment for the prevention of falls from a height. Low stretch Kernmantle ropes
BS EN 12275	Mountaineering equipment. Connectors. Safety requirements and test methods
BS EN 12841	Personal fall protection equipment. Rope access systems. Rope adjustment devices
ANSI Z3591	The Fall Protection Code
ENA TS 43-123	Performance criteria for fall prevention/fall arrest devices for use on poles whilst ascending and descending and when at the work position
EP902	Working at Heights
CP311	Equipment Approval Policy and Process
CP420	Part 1 & Part 2 Policy and Practice for Overhead Lines
CP430	Part 1 & Part 2 Linesman's Manual
CP423	Overhead Line - Linesman's Manual Live Line Working
CP684	The Use, Inspection and Maintenance of Ancillary Engineering Equipment

8 Keywords

Pole; Safety; Tower. Overhead; rescue.

Appendix A – Schedule of Items

Commodity Code	Description
103101	25m Wood Pole Top Rescue Kit - Vac Packed
103102	80m Steel Tower Rescue Kit - Vac Packed
103103	STL-Ladder Attachment & Rig to Rescue
Special Order	Trolley Rescue Kit
103104	Cresto Full Body Harness & Leather Belt Small
103105	Cresto Full Body Harness & Leather Belt Medium
103106	Cresto Full Body Harness & Leather Belt Large
103107	Cresto Full Body Harness & Leather Belt X Large
103108	Sirocco 138 Harness Small/Medium (MEWP only)
103109	Sirocco 138 Harness Large/X Large (MEWP only)
Order direct	Sirocco 238 Harness Small, Medium, Large & X Large
103110	2.0m Rope Rat - Cut Resistant
103111	ENW Spec Shock Absorbing Lanyard 1.5m - Cut Resistant
103112	ENW Spec Shock Absorbing Lanyard 1.75m - Cut Resistant
103113	Pole Cat Small/Medium Yellow - Cut Resistant
103114	Pole Cat Stdard/Standard(red)CR Rope Yellow
103116	Chokestrap 90115
103117	60L Barrel Bag
103118	1000v Orange Shrouding Kit- KIT001
103119	80L Barrel Bag

Dec 22

229900	Climbing Irons
TBA	M16 Twin Step-Safe lanyard
TBA	M20 Twin Step-Safe lanyard
TBA	Scaffhook
TBA	Sling Lanyard
TBA	Drop Line 5m
TBA	Drop Line Slide Chuck -
TBA	Fixed Loop Lanyard
TBA	Rapid Rail Slide Chuck -
TBA	Rigga Inertia Reel 15m (Trial)

Appendix B – Kit Content Details

B1 : KIT CONTENTS FOR WOOD POLETOP RESCUE KIT (25M)



Item	Description	Applicable Standards
1	1 x 25M Rope (Heat Shrink Stopper Knot as End)	<ul style="list-style-type: none"> EN1891
2	1 x 2 Stage Carabiner Captive Bar	<ul style="list-style-type: none"> EN12275 EN362:2004/T
3	1 x Lory	<ul style="list-style-type: none"> EN358 EN12841-C EN341:2011/2A
4	2 x Quick Draws	<ul style="list-style-type: none"> EN566 EN354 EN795(B) EN12275
5	1 x 3 Stage Carabiner Captive Bar (Gold)	<ul style="list-style-type: none"> EN362:2004/T ANSI Z3591
6	1 x 3 Stage Carabiner Captive Bar (Black)	<ul style="list-style-type: none"> EN362:2004/B
7	1 x 3 Stage Carabiner Captive Bar (Green)	<ul style="list-style-type: none"> EN12275 EN362:2004/TB
8	1 x 2M Sling	<ul style="list-style-type: none"> EN566 EN795:2012 TYPE B
9	1 x Sheers	N/A
10	1 x Vacuum	N/A
11	2 x Laminated A5 Card Connected to bottom of the rope and outside the bag	N/A
12	1 x Large Orange PVC Roll Top Bag	N/A
13	1 x Safety Knife	N/A

**B2 : KIT CONTENTS FOR
Steel Tower Overhead Lines Rescue Kit (80M)**



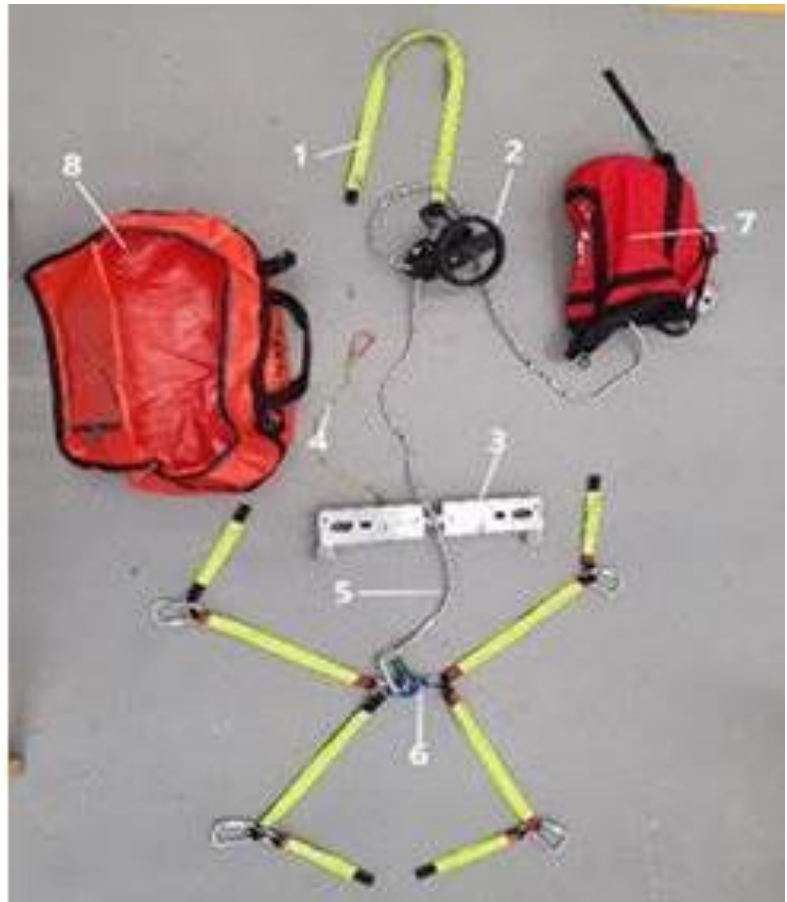
Item	Description	Applicable Standards
1	1 x 80M Rope (Heat Shrink Stopper Knot as End)	<ul style="list-style-type: none"> EN1891
2	1 x 2 Stage Carabiner Captive Bar	<ul style="list-style-type: none"> EN12275 EN362:2004/T
3	1 x Lory	<ul style="list-style-type: none"> EN358 EN12841-C EN341:2011/2A
4	2 x Quick Draws	<ul style="list-style-type: none"> EN566 EN354 EN795(B) EN12275
5	1 x 3 Stage Carabiner Captive Bar (Gold)	<ul style="list-style-type: none"> EN362:2004/T ANSI Z3591
6	1 x 3 Stage Carabiner Captive Bar (Black)	<ul style="list-style-type: none"> EN362:2004/B
7	1 x 3 Stage Carabiner Captive Bar (Green)	<ul style="list-style-type: none"> EN12275 EN362:2004/TB
8	1 x 1.5M Sling	<ul style="list-style-type: none"> EN566 EN795:2012 TYPE B
9	1 x Sheers	N/A
10	1 x Vacuum Pac	N/A
11	2 x Laminated A5 Card Connected to bottom of the rope and outside the bag	N/A
12	1 x Large Orange PVC Roll Top Bag	N/A
13	1 x Safety Knife	N/A

**B3 : KIT CONTENTS FOR
LADDER ACCESS RESCUE
SYSTEM**



Item	Description	Applicable Standards	
1	1 x (30M) Rope	• EN1891	
2	1 x 2 Stage Captive Bar Carabiner	• EN12275	• EN362:2004/T
3	1 x Lory	• EN358 • EN12841-C	• EN341:2011/2A
4	1 x 3-Stage Carabiner Captive bar	• EN12275	• EN362:2004/T
5	1 x 3-Stage Carabiner	• EN362:2004/B	
6	2 x 60CM Slings	• EN566	• EN795:2012 TYPE B
7	1 X Quickdraw	• EN566 • EN	• EN354 • EN12275
8	1 x Quicklink	• EN362	
9	1 x Rope Grab	• EN353-2	
10	1 x Blue Bag	N/A	
11	2 X 70cm Sling Non PPE	N/A	
12	2 X 6M Webbing Straps	N/A	
13	1 X 3M Webbing Straps	N/A	
14	1 X Daisy Chain	N/A	
15	1 X Ratchet Strap 1m Yellow	• EN12195-2	
16	2 x Threaded Anchors with Eye		N/A
17	1 x Orange Kit Bag		N/A

**B4 : KIT CONTENTS FOR HeIGHTEC
TROLLEY RESCUE SYSTEM**



Item	Description	Applicable Standards
1	Anchor sling	<ul style="list-style-type: none"> EN 354
2	RPX rescue device	<ul style="list-style-type: none"> EN 341 A, EN 1496
3	Conductor spacer bar	<ul style="list-style-type: none"> Internal Test report 580
4	Safety tether	N/A
5	Rescue rope	N/A
6	Lifting bridle with emergency slings	<ul style="list-style-type: none"> EN 354
7	Rope bag for rescue rope	N/A
8	Kit bag for full kit	N/A

Appendix C – Conformance Declaration

Section-by-section Conformance with Specification

The Tenderer shall declare conformance or otherwise for each product/service or range of products/services, section-by-section, using the following Conformance Declaration Codes.

Conformance Declaration Codes:

N/A	Section is not applicable/appropriate to the product/service.
C1	The product/service conforms fully with the requirements of this section.
C2	The product/service conforms partially with the requirements of this section.
C3	The product/service does not conform to the requirements of this section.
C4	The product/service does not currently conform to the requirements of this section, but the manufacturer proposes to modify and test the product in order to conform.

Manufacturer:	
Product/Service description:	
Product/Service reference:	
Assessor details	
Name:	
Company:	
Signature:	
Date:	

SECTION-BY-SECTION CONFORMANCE

Section	Section Topic	Conformance Declaration Code	Remarks * (must be completed if code is not C1)
4.1	Product not to be Changed		
4.2	Electricity North West Technical Approval		
4.3	Quality Assurance		
4.4	Formulation		
4.5	Identification Markings		
4.6	Minimum Life Expectancy		
4.7	Product Conformity		
4.8	Confirmation of Conformance		
5.1	Requirements for Type Tests at the Supplier's Premises		
5.2	Requirement for Routine Tests at the Supplier's Premises		
6.1	Compliance		
6.2	Equipment List		
6.3.1	Body Harness / Pole Belt		
6.3.2	Polestrap		
6.3.3	Lanyard		

6.3.4	Pole Choker		
6.3.5	Fall rope		
6.3.6	Rescue Kit for Wood Pole Lines		
6.3.7	Rescue kit for Steel Towers		
6.3.8	Ladder Access Rescue Kit		
6.3.9	Trolley Rescue Kit		
6.3.10.1	Casualty Hoist		
6.3.11.1	Descender		
6.3.11.2	Shears		
6.3.11.3	Rope		
6.3.11.4	Sling		
6.4	Samples		
Appendix B1	Kit Contents for wood pole rescue kit		
Appendix B2	Kit Contents for steel Tower Rescue kit		
Appendix B3	Kit Contents for Ladder Access Rescue system		
Appendix B4	Kit Contents for Trolley Rescue system		

* Applicable specifications shall be stated in the Remarks column where alternatives are quoted within a section. The Remarks column shall also be used to indicate cases where the products or services exceed the quoted specifications.

Additional Notes :