



**NOTES:**

THE RECOMMENDED FEATURES OF THE REFLECTIVE VEST TO BE WORN BY PERSON CARRYING OUT EXPRESSWAY WORKS SHALL CONFORM TO BS EN ISO 20471 UNLESS STATED OTHERWISE IN NOTES NO.1-4 BELOW.

[THESE FEATURES FORM THE GUIDELINE FOR GIVING APPROVAL AS STIPULATED IN SCHEDULE 3 OF THE ROAD TRAFFIC (EXPRESSWAY) REGULATIONS]

1. ALL DIMENSIONS ARE IN MILLIMETRES INCLUSIVE OF THE EDGE BINDING.

**2. MATERIAL AND COLOUR**

(A) BACKGROUND MATERIAL:

HIGH VISIBILITY FLUORESCENT ORANGE-RED COARSE FABRIC MESH – SAMPLE OF THE MATERIAL SHALL BE SUBMITTED FOR APPROVAL.

(B) RETROREFLECTIVE STRIPS:

i) STRIPS – 50MM WIDE IN FLUORESCENT LIME-YELLOW COLOUR.

ii) THE RETROREFLECTIVE STRIPS SHALL CONFORM TO THE PERFORMANCE REQUIREMENTS SPECIFIED IN BS EN ISO 20471.

[THE MIN. COEFFICIENT OF RETROREFLECTION OF THIS MATERIAL MEASURED AT AN OBSERVATION ANGLE OF 12° AND ENTRANCE ANGLE OF 5° SHOULD NOT BE LESS THAN 330 cd/(lx·m<sup>2</sup>)]

iii) CEDD LOGO – REFER TO LATEST VERSION OF CEDD STANDARD DRAWING NO. C1001.

iv) CONSTRUCTION INDUSTRY LOGO – REFER TO LATEST VERSION OF CEDD STANDARD DRAWING NO. C1020.

v) DEPARTMENTAL TITLE – REFER TO LATEST VERSION OF CEDD STANDARD DRAWING NO. C1023.

vi) THE CHINESE AND ENGLISH CHARACTERS TO BE PRINTED ON HORIZONTAL STRIP SHALL BE IN RED TO BS 5252:1976 COLOUR CODE 04E53 OR SIMILAR.

vii) FOR REFLECTIVE VEST TO BE WORN BY CONSULTANT'S OR CONTRACTOR'S STAFF, THE CONSULTANT'S OR CONTRACTOR'S LOGO AND NAME SHALL BE USED.

viii) THE CEDD AND CONSTRUCTION INDUSTRY LOGO AND THE DEPARTMENTAL TITLE SHALL BE PRINTED ON A WHITE PIECE OF PLASTIC OF THE SAME COLOUR. THE EDGES OF THE PLASTIC SHALL BE WIDE ENOUGH SO THAT THE STITCHES ATTACHING THE LOGOS TO THE JACKET SHALL NOT CROSS THE COLOURED PARTS OF THE LOGOS.

**3. SIZES AND DIMENSIONS**

(A) DIMENSIONS: SEE TABLE

(B) NOMINAL SIZE OF CEDD LOGO AT FRONT (W x H):

65 x 65

(C) MINIMUM AREA OF BACKGROUND MATERIAL (INCLUDING MESH PORTION):

0.4 SQ m

(D) NOMINAL SIZE OF CONSTRUCTION INDUSTRY LOGO AT FRONT (W x H):

55 x 58

SIZE	A	B	C	D
SMALL	190	250	75	550
MEDIUM	198	275	100	575
LARGE	206	300	125	600

**4. PATTERN**

(A) THE LAYOUT OF PATTERN OF THE VEST SHALL BE AS SHOWN ON THIS DRAWING.

(B) THE EDGE BINDING SHALL NOT EXCEEDING 10MM WIDE.

(C) THE EDGE BINDING SHALL BE FLUORESCENT ORANGE RED IN COLOUR AND IT SHOULD BE MADE OF RETROREFLECTIVE MATERIAL WITH MINIMUM COEFFICIENT OF RETROREFLECTION AS IN NOTE 2(B)(i).

D	BS EN 471 IS REPLACED BY BS EN ISO 20471 IN THE NOTES	Original Signed	09.2018
C	COARSE MESH FOR LOWER PORTION ADOPTED	Original Signed	01.2018
B	MINOR AMENDMENT	Original Signed	03.2015
-	NEW ISSUE	Original Signed	08.2005
<b>REF.</b>	<b>REVISION</b>	<b>SIGNATURE</b>	<b>DATE</b>

**REFLECTIVE VEST DETAILS**



**CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT**

**SCALE** DIAGRAMMATIC

**DRAWING NO.**

**DATE** DEC 2011

**C1010D**