

| FILE No. Draft 1                        |   |          |  |   |   |         |         |         |         |  |            |                         |             |         |
|---|---|----------|--|---|---|---------|---------|---------|---------|--|------------|-------------------------|-------------|---------|
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| Major category : UNSPSC -               |   |          |  |   |   |         |         |         |         |  |            |                         |             |         |
| Sub Category : Squadron - UNSPSC Code - |   |          |  |   |   |         |         |         |         |  |            |                         |             |         |
| S.No.                                   | Parameters  | Grouping |  | Value 1   | Value2  | Value 3 | Value 4 | Value 5 | Value 6 | Golden                                   | Validation | Whether Filter Required | p r i t o y | U n i t |
| 1                                       | Purpose   |          |  | Adult Manikin set for CPR Training with provision of maneuvering airway opening skills air ventilation and chest compression. |   |         |         |         |         |  |            |                         |             |         |
| 2                                       | The item should be made of good quality of rubber and plastic                                 |          |  | yes   |   |         |         |         |         | G  |            |                         |             |         |
| 3                                       | The manikin should comprise of 5 parts such as Head,Main Body(Back),Chest,Piston and Lung Bag |          |  | yes   |   |         |         |         |         |  |            |                         |             |         |
| 4                                       | Length of the mannequin in cm   |          |  | 50-70   |   |         |         |         |         |  | 50<>70     |                         |             | inch    |
| 5                                       | Width of the chest in cms   |          |  | 30-40   |   |         |         |         |         |  | 30<>40     |                         |             |         |
|   |   |          |  |   |   |         |         |         |         |  |            |                         |             | mm      |
|   |   |          |  |   |   |         |         |         |         | G  |            |                         |             | inch    |
| 7                                       | Head should be made of good quality of plastic  |          |  | yes   |   |         |         |         |         |  |            |                         |             |         |
| 8                                       | Length of head in cms   |          |  |   |   |         |         |         |         |  | 19<>25     |                         |             | mm      |
| 9                                       | Width of Head in cms  |          |  | 12-Jan  | 13  | 14      | 15      |         |         |  |            |                         |             | kg      |
| 10                                      | Head should be screwed with neck with facility for extension                                  |          |  | yes   |   |         |         |         |         |  |            |                         |             |         |
| 11                                      | Mouth should be opened by 2.5 cm to 4 cm for inserting lung bag                               |          |  |   |   |         |         |         |         |  |            |                         |             |         |
| 12                                      | Mandible or lower jaw should be movable   |          |  | ys  | No  |         |         |         |         |  |            |                         |             |         |

|    |   |  |  |     |    |    |  |  |  |                             |  |  |  |
|----|---|--|--|-----|----|----|--|--|--|-----------------------------|--|--|--|
| 13 | Nose should be made up of such material that can be pinched   |  |  | yes |    |    |  |  |  |                             |  |  |  |
|    | Eye ear should be well impressed  |  |  | yes |    |    |  |  |  |                             |  |  |  |
| 14 |   |  |  |     |    |    |  |  |  |                             |  |  |  |
| 15 | Main body (Back) is the posterior portion of the body to which head and chest portion is fixed                              |  |  | yes |    |    |  |  |  |                             |  |  |  |
| 16 | The main body should be made of good quality of plastic with a circular hole in the centre of the torso to place the piston |  |  | yes |    |    |  |  |  |                             |  |  |  |
| 17 | At the end of the neck there should be provision to screw the head  |  |  | yes |    |    |  |  |  |                             |  |  |  |
| 18 | There should be provision to attach chest part over the upper portion of back   |  |  | yes |    |    |  |  |  |                             |  |  |  |
| 19 | Length of the back in cms   |  |  |     |    |    |  |  |  | 48 <math>\diamond</math> 68 |  |  |  |
| 20 | Width of the back in cms  |  |  |     |    |    |  |  |  | 28 <math>\diamond</math> 40 |  |  |  |
| 21 | Length of the neck in cms   |  |  | 16  | 17 | 18 |  |  |  |                             |  |  |  |
| 22 | Chest should be made up of good quality of rubber   |  |  | yes |    |    |  |  |  |                             |  |  |  |

- 23 Chest should be compressible by 4-7 cms  
Clavicle, Xiphoid process
- 24 sternum navel and ribs should be with proper landmarks
- 25 Left right chest should be well impressed
- 26 There should be cleft in the center of chest so that airway system (lung) can be inserted.
- 27 Length of chest 30-35 cms
- 28 Width of chest 28-38 cms
- 29 **The piston should be made of good quality of sponge** yes
- 30 Piston should properly fit over the hole of the back yes

|    |  |        |        |        |        |
|----|--|--------|--------|--------|--------|
| 31 | Dia of the piston(Subject to fir over the hole on the back)in cms  |        |        |        | 12<>15 |
| 32 | Height of the piston in cms  |        |        |        | 7<>10  |
| 33 | Lung bag should be made up of good quality polyethylene  |        |        |        |        |
|    | Lung bag will consist of 3 parts such as Mouth,Lung and inserter   |        |        | yes    |        |
| 34 | MOUTH OF LUNG BAG SHALL BE RECTANGLE IN SHAPE WITH 2 FLAPS THAT BE FIXED OVER THE MOUTH TO PREVENT THE AIR ENTRY FROM OUTSIDES |        |        | Yes    |        |
| 35 | Length of Mouth in cms   | 13-Dec |        |        |        |
| 36 | Width of the mouth in cms  |        | 07-Apr |        |        |
| 37 | The mouth leads in to windpipe and wind pipe should be spherical in shape when inflated  |        |        | yes    |        |
| 38 | Circumfrence of wind pipe in cms   | 12-Oct |        |        |        |
| 39 | Lung shall be spherical in shape when inflated   |        |        | yes    |        |
| 40 | Radius of lung in cms  |        |        | 07-Jun |        |
| 41 | Inserter shall be a flat plastic strip for inserting lung bag through the mannequin in to the cleft of the chest               |        |        | yes    |        |
| 42 | Length of the inserter in cm   | 48-52  |        |        |        |
| 43 | width of inserter in cms   |        |        | 04-Mar |        |

