SPECIFICATIONS FOR PERSONAL PROTECTIVE EQUIPMENT

BODY PROTECTION

- SAFETY OVERALL
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1. **SCOPE**

This specification specifies the requirements of Ceylon Electricity Board for safety overalls.

2. **SERVICE CONDITION**

<table>
<thead>
<tr>
<th>(i)</th>
<th>Annual average ambient temperature</th>
<th>30 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ii)</td>
<td>Maximum ambient temperature</td>
<td>40 °C</td>
</tr>
<tr>
<td>(iii)</td>
<td>Maximum relative humidity</td>
<td>90%</td>
</tr>
<tr>
<td>(iv)</td>
<td>Environmental conditions</td>
<td>Humid tropical climate</td>
</tr>
</tbody>
</table>

3. **APPLICABLE STANDARDS**

None.

4. **BASIC FEATURES**

4.1 **DESIGN**

As shown in the relevant drawings (Annex B and Annex C).

4.2 **SIZES**

Overalls shall be available in following sizes:

a) Small (S)

b) Medium (M)

c) Large (L)

d) Extra Large (XL)

e) Extra Extra Large (XXL)

However, if there are employees who are not compatible with any of the above sizes, the successful bidder shall be able to provide custom made overalls according to individual measurements.
### 4.3 COLOUR

Overall colour shall be based on the relevant Division and the employee category as follows:

**Table 1 – Overall colour**

<table>
<thead>
<tr>
<th>No</th>
<th>Divisions</th>
<th>Engineers</th>
<th>Superintendents (EL Grade)</th>
<th>Technical Assistants (EL Grade)</th>
<th>Field Staff (EN Grade)</th>
<th>Trainees</th>
<th>Fire Fighters</th>
<th>Outsourced workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Generation Division (except Coal Plants)</td>
<td>White</td>
<td>(9003)</td>
<td></td>
<td>Blue</td>
<td>(5004)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Generation Division (Coal Power Plants)</td>
<td>Grey</td>
<td>(7005)</td>
<td>Beige</td>
<td>Blue</td>
<td>(5004)</td>
<td>Red</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>3</td>
<td>Distribution Divisions</td>
<td>White</td>
<td>(9003)</td>
<td>Beige</td>
<td>Blue</td>
<td>(5004)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Transmission and all other Divisions except above 1, 2 and 3</td>
<td>White</td>
<td>(9003)</td>
<td></td>
<td>Blue</td>
<td>(5004)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Colours of the wordings on overall, indicated in the drawings DGM (OH&S)/OVERALL/01/R0 and DGM (OH&S)/OVERALL/02/R0, shall be as follows:

<table>
<thead>
<tr>
<th>Overall Colour</th>
<th>Colour of the Wordings/CEB Logos</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Black</td>
</tr>
<tr>
<td>Grey</td>
<td></td>
</tr>
<tr>
<td>Beige</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>White</td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Dark Brown</td>
<td></td>
</tr>
</tbody>
</table>

### 4.4 MARKING

4.4.1 Each overall shall carry a label giving the following information:

   a) Size of the overall (S, M, L, XL, XXL)
   b) Wash/Iron care instructions

4.4.2 Additional markings required are indicated in the drawings no. DGM (OH&S)/ OVERALL /01/R0 and DGM (OH&S)/OVERALL/02/R0. All the fonts indicated therein shall be "Aerial Black" or similar font style.
5. **TESTING**

Test reports available for the overall material are encouraged to be submitted along with the offer. Preference shall be given to overalls made from materials that have test reports from an acceptable testing laboratory to the purchaser.

6. **QUALITY ASSURANCE**

Preference shall be given to manufacturers who possess ISO 9001:2015 or latest Quality Assurance certifications for the plant where the manufacture of overall is done.

Bidders shall furnish a copy of the ISO certificate certified as true copy of the original by the manufacturer, along with the offer.

7. **ADDITIONAL REQUIREMENTS**

**Packaging and Delivery**

Each overall shall be packaged in an individual container or package of sufficient strength to properly protect the product from damage.

The type of packaging suitable for transport shall be defined by the manufacturer.

At the request of the customer any additional or amended instructions shall be included in the package.

8. **INFORMATION TO BE SUPPLIED WITH THE OFFER**

The bid shall be accompanied with the following:

   a) Information on the following:
      Instructions for use, information on storage, fitting and adjustment, handling, disposal, periodic inspection, periodic testing and useful service life.

   b) Packing details.

   c) Completed schedule of particulars as per Annex A.

   d) Test reports or summary sheet conforming to clause 5:

9. **SAMPLE STUDY**

One returnable sample of a similar overall including accessories if any, and two pieces of clothing material which will be used to manufacture offered overalls, shall accompany the bid to facilitate analysis and evaluation. Any additional sample may be requested by the purchaser if such deemed necessary. The selected bidder shall get the approval from the purchaser by submitting sample/s of the offered overall made of the offered material and design.

10. **ANNEX**

Annex A - Schedule of Guaranteed technical Particulars
Annex B - Design of Single-Piece Overall
Annex C - Design of Double-Piece Overall
### SCHEDULE OF GURANTEED TECHNICAL PARTICULARS

(CEB Requirements shall be filled by the procurement entity and information of the offer shall be filled by the manufacturer/supplier)

#### Annex A

<table>
<thead>
<tr>
<th>Safety Overall</th>
<th>General Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sr No</td>
<td>Item</td>
</tr>
<tr>
<td>1.</td>
<td>Manufacturer's Name</td>
</tr>
<tr>
<td>2.</td>
<td>Manufacturer's Address</td>
</tr>
<tr>
<td>3.</td>
<td>Design</td>
</tr>
<tr>
<td>4.</td>
<td>Material</td>
</tr>
<tr>
<td>5.</td>
<td>Fabric Weight (gsm)</td>
</tr>
<tr>
<td>6.</td>
<td>Overall Colour</td>
</tr>
<tr>
<td>7.</td>
<td>CEB Logo</td>
</tr>
<tr>
<td>8.</td>
<td>Available sizes range</td>
</tr>
<tr>
<td>9.</td>
<td>Zipper</td>
</tr>
<tr>
<td>10.</td>
<td>Year and Month/Quarter of Manufacture</td>
</tr>
<tr>
<td>11.</td>
<td>Marking/ Label</td>
</tr>
<tr>
<td>12.</td>
<td>Test Reports/ Summary Sheet submitted</td>
</tr>
<tr>
<td>13.</td>
<td>Quality Assurance for Manufacturer</td>
</tr>
<tr>
<td>14.</td>
<td>Samples</td>
</tr>
<tr>
<td>15.</td>
<td>Warranty</td>
</tr>
<tr>
<td>16.</td>
<td>Packing details submitted</td>
</tr>
<tr>
<td>17.</td>
<td>Product catalogues, technical literature submitted</td>
</tr>
</tbody>
</table>

I/We certify that the above data are true and correct

Signature of the Bidder/Manufacture and Seal

Date 27/02/2019

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### Diagram:

**Legend**

- **Back**
  - Pen pocket
  - CEB
  - Exterior outside strips
  - Interior inside strips
  - Pocket with main cover
  - Heavy duty double
  - Vent adjustable vents

- **Front**
  - CEB
  - Exterior outside strips
  - Interior inside strips
  - Pocket with main cover
  - Heavy duty double
  - Vent adjustable vents

### Technical Details:

- **Dimensions:**
  - J = 30mm
  - H = 60mm
  - G = 90mm
  - F = 200mm
  - E = 200mm
  - D = 150mm
  - C = 150mm
  - B = 170mm
  - A = 50mm

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**Note:**

1. All pockets except pen pocket shall have a Velcro type top cover.
2. Colour of CEB logo and wording as shown on the CEB logo and wording as shown on the CEB logo.

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**Branch:**

**Date:**

- 2016-10-19

**Drawn and checked:**

- [Signature]

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**Series:**

- D050 (OH)S (OVERAL/PRO)