



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## Review Document

### Basic Details

|    |                                  |   |
|----|----------------------------------|---|
| 1. | Sectional Committee No. & Title: | MED 7 - Earth Moving Equipment and Material Handling                                |
| 2. | IS No :                          | IS 10856 : 1993   |
| 3. | Title :                          | Earth - Moving machinery - Elevating scrapers - Volumetric ratings (First Revision) |
| 4. | Date of Previous Review:         | February, 2018  |

### Review Analysis

#### 5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

| S.No. | Standard (No.) | Standard (Title)   | Whether the standard has since been revised | Major changes  | Action proposed    |
|-------|----------------|--|---|----------------|--------------------|
| 1     | ISO 6484:1986  | Earth-moving Machinery – Elevating Scrapers – Volumetric Ratings | No  | Not applicable | No change proposed |

#### 5.2 Status of standard referred in the IS.

| S.No. | Referred standards (No.) | Referred standards (Title)  | Since revised IS no. of the corresponding IS  | Changes in the referred Standards since last review of IS   | Changes in the referred standard which are affecting the standard under review | Action proposed   |
|-------|--------------------------|---|---|---|--|---|
| 1     | ISO 7133                 | Earth-moving machinery – Tractor scrapers – Terminology and commercial specifications | ISO 7133:2013 Earth-moving machinery – Scrapers – Terminology and commercial specifications | This standard has been technically revised and this International Standard establishes terminology and the content of commercial literature specifications for scrapers (including towed scrapers) and their equipment. | No affect, Not applicable  | Title of the referred standard be modified with the current version |

**5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).**

| S.No. | Standard (No.)   | Standard (Title)   | Provisions that could be relevant while reviewing the IS | Action proposed    |
|-------|------------------|--|--|--------------------|
| 1     | BSI - BS 6114    | Method for Measurement of Volumetric Ratings of Elevating Scrapers Used for Earth-Moving | Nil  | No action proposed |
| 2     | AS ISO 6484:2021 | Earth-moving Machinery – Elevating Scrapers – Volumetric Ratings                         | Nil  | No action proposed |
| 3     | GB/T 25690-2010  | Earth-moving machinery. Elevating scrapers. Volumetric ratings.                          | Nil  | No action proposed |

**5.4 Technical comments on the standard received, if any.**

| S.No.                       | Source | Clause of IS | Comment | Action proposed |
|-----------------------------|--------|--------------|---------|-----------------|
| No entry made in this table |        |              |         |                 |

**5.5 Information available on relevant technical developments**

| S.No.                       | Source | Development | Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.) | Action proposed |
|-----------------------------|--------|-------------|--|-----------------|
| No entry made in this table |        |             |  |                 |

**5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.**

| S.No.                       | Related IS (revised or new) | Related IS Title | Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision | Changes that may be necessary in the Standards under review | Action proposed |
|-----------------------------|-----------------------------|------------------|--|---|-----------------|
| No entry made in this table |                             |                  |  |   |                 |

**5.7 Any consequential changes to be considered in other IS.**

| S.No.                       | Related IS to get impacted | Related IS Title | Requirements to be impacted |
|-----------------------------|----------------------------|------------------|-----------------------------|
| No entry made in this table |                            |                  |                             |

**Other Details**

|    |                               |  |
|----|-------------------------------|--|
| 6. | Any other observation:        | The Base standard from which this standard has been formulated is ISO 6484:1986 "Earth-moving Machinery – Elevating Scrapers – Volumetric Ratings". ISO 6484:1986 was last reviewed and confirmed in the year 2019 by the technical committee ISO/TC 127/SC 1 "Test methods relating to safety and machine performance". This 1986 version of ISO 6484 remains current and is still valid. |
| 7. | Upload Supporting Document(s) |  |

|                           |   |   |
|---------------------------|---|---|
| <b>7.1 ARP Report</b>     | <a href="#">68_2203061646506924_ARP_Report.docx</a>   |   |
| <b>7.2 Draft Document</b> | <b>No Document Uploaded</b>   |   |
| 8.                        | <p>Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:</p> | <p>It is recommended that the standard IS 10856:1993/ISO 6484:1986 “Earth- moving Machinery – Elevating Scrapers – Volumetric Ratings” be retained as such as there is no change in the base ISO standard. No changes are proposed. If the Technical Committee is of the opinion that this standard is obsolete, then they can consider for withdrawal. No revision is proposed in the existing content of the Indian Standard.</p> |