**REVIEW ANALYSIS OF INDIAN STANDARD**

1. **Sectional Committee No. & Title: TED 14 –** Air and Space Vehicles Sectional Committee
2. **IS No:**  IS 9174 : 1979
3. **Title in English:** Dimensions for single - Hole mounted lever - Operated switches for aircraft
4. **Title in Hindi:** सिंगल के लिए आयाम - होल माउंटेड लीवर - विमान के लिए संचालित स्विच
5. **ICS No:** 49.060
6. **Date of review: 15.12.2021**
7. **Review Analysis**
8. **Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.**

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| **Standard****(No. & Title)** | **Whether the standard has since been revised**  | **Major changes** | **Action proposed** |
| IS0 493-1975Aircraft -Dimensions for single-hole mounting ( class 1 and class 2 ) lever-operated manual switches | This standard was last reviewed and confirmed in 2017 |  | This version remains current. |

1. **Status of standards referred in the IS-**

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| --- | --- | --- | --- |
| **Referred standards****(No. & Title)** | **IS No. of this standards since revised** | **Changes that are of affecting the standard under review** | **Action proposed** |
| Standard contains no Cross Referenced Standard |

1. **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)**

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| **Standard****(No. & Title)** | **Provisions that could be relevant while reviewing the IS** | **Action proposed** |
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1. **Technical comments on the standard received, if any**

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| **Source** | **Clause of IS** | **Comment** | **Action proposed** |
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1. **Information available on technical developments that have taken place (on product/processes/practices/use or application/testing/input materials, etc.)**

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| --- | --- | --- | --- |
| **Source** | **Development** | **Relevant clause of the IS under review that is likely to be impacted** **(Clause & IS No.)** | **Action proposed** |
| Members of TED 14 among the Academia, Industry and Users are requested to give inputs on technical development that has been taken place on product/processes/practices/use or application/testing/input materials, etc. so that same can be incorporated in IS 9174 : 1979 and a revised version of IS can be issued. However, if this standard is not used by the industry due to being obsolete due to the advancements in manufacturing practices, same may be withdrawn.  |

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

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| **Related IS and its Title****(revised or new)** | **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** |
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1. **Any consequential changes to be considered in other IS**

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| **Related IS to get impacted** | **Requirements to be impacted** |
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1. **Any other observation:**

 The revision will essentially take care of the following:

1. Publication of standards in A4 size and latest format.
2. Introduction of Hindi title on the first cover page.
3. Introduction of ICS No. in place of UDC No. on first cover page.
4. Copyright details and name/address of the institution and other details as per the latest practice.
5. Style of Foreword to be as per the latest practice, indicating all previous versions, and introducing a Para on the current revision.
6. Introduction of Clause 2 'References' (as per the latest format), and accordingly renumbering of all subsequent clauses;
7. Updating the details of types/classes/grades/ratings, etc. as per the latest cross-referred standards, such as in case of reference to another standard for material and its grade where the grades have since been modified in the latest revision of the cross-referred standard.

1. Use of latest style, manner and wordings, etc., such as 'Annex' for 'Appendix'.
2. Corrections of editorial/typographical mistakes in the existing standards.
3. Removal of informatory list of standards at the end, if any.
4. Updation of back cover page with mention of new document number, current details of information shared therein including BIS offices.
5. **Recommendations:** In view of above, it is recommended thatIS 9174 : 1979 may be reviewed keeping in view the technological advancements in the sector and the current manufacturing practices followed by industry.

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**(Ravindra Beniwal)**

**Scientist-C**

**Member Secretary, TED 14**