**REVIEW ANALYSIS OF INDIAN STANDARD**

1. **Sectional Committee No. & Title: LITD 15 (Data Management System  Sectional Committee)**
2. **IS No: IS 14430 : 1997**
3. **Title: Guide for pascal program coding**
4. **Date of review:**
5. **Number of License : 0**
6. **Number of Amendments : 0**
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** |
| **IS 1885 : Part 52 : Sec 15:1986** | **Electrotechnical vocabulary: Part 52 data processing: Sec 15 programming languages** | **NA** | **No** |
| **IS 14430 : 1997** | **Guide for C - Programme coding** | **NA** | **No** |

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** |
| **IS 1885 : Part 52 : Sec 15:1986** | **IS 1885 : Part 52 : Sec 15:1986** | **NA** | **No** |

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** |
| **IS 13874 : 1993** | **Guide for C - Programme coding**  **Clause 5,6,7,8** | **No action required** |

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** |
| **GNU Pascal Coding Standards -https://edoras.sdsu.edu/doc/gpcs-en.html** |  | **Clause 5,6,7,8,9,10** | **No modifications required,all the points are already covered in the standards** |
| **Lazarus IDE and https://wiki.freepascal.org/Codingstyle** |  | **Clause 5,6,7** | **All points in standards are covered, No action required.** |

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:**
2. **Recommendations: This Standard basically deals with the coding methodologies that is followed for writing any PASCAL code. However, it is also similar for other languages like C, Basic. This code is generally used in embedded system designsing. There is no licensees on this standard. The Standard clearly states all the required practices that should be followed, as is understood after going through various coding documentation guidelines. Therefore the standard is recommended to be reaffirmed.**