## REVIEW ANALYSIS OF INDIAN STANDARD

**1. Sectional Committee No. & Title: PCD 09 (Organic Chemicals, Alcohols and Allied Products Sectional Committee)**

**2. IS No.: IS 5992: 1970**

1. **Title: Specification for *p*-Dichlorobenzene, Technical (*Reviewed in 2019*)**

## Date of Review: 29.07.2022

1. **Review Analysis**
   1. **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 been revised** | **Major changes** | **Action proposed** |
| Assistance has been derived from O-P-0099a (GSA - FSS) Specification for paradichlorobenzene, technical, issued by General Service Administration, Federal Supplies Service, Washington, DC (No Records Found) | | | |

* 1. Status of standards referred in the IS **– ‘No referred Standards’**

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| --- | --- | --- | --- | --- |
| **S. No.** | **Referred standards (No. & Title)** | **IS No. of this standards since revised** | **Changes that are of affecting the standard**  **under review** | **Action Proposed** |
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**iii) Technical comments on the standard received, if any –**

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| --- | --- | --- | --- | --- |
| **S. No.** | **Source** | **Clause of IS** | **Comment** | **Action proposed** |
| 1. | Factory Visit carried out at M/s Kutch Chemical Industries Limited, Kutch (Non-Licensee) | Table – 1 Requirements for p-Dichlorobenzene, Technical | A new parameter for Purity of p-Dichlorobenzene and limits of other impurities may be incorporated. | Details of actions proposed with limits:  (1) Purity of p-dichlorobenzene (% w/w min.)– 99.80  (2) Monochlorobenzene (% w/w max.) - 0.04  (3) o-dichlorobenzene (% w/w max) – 0.20  (4) Trichlorobenzene (% w/w max) – 0.10 |

**iv) Information available on technical developments that have taken place (on product/processes/practices/use/or application/testing/input materials, etc) –**

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| **S. No.** | **Source** | **Development** | **Relevant clause of the IS under**  **review that is likely to be impacted (Clause & IS No.)** | **Action Proposed** |
| 1. | Factory Visit carried out at M/s Kutch Chemical Industries Limited, Kutch (Non-Licensee) | Purity of p – dichlorobenzene and other impurities are tested by Gas Chromatography/mass Spectrometry method | Cl. 2.2 table 1 IS 5992: 1970 | GC Method for test of purity and impurity may be incorporated against the new proposed parameter.  Method: ASTM D5790 |

**v) Issues arising out of changes in any relevant IS or due to formulation of new Indian Standard**

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| **S. No.** | **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** |
|  | **Nil** | **Nil** | **Nil** | **Nil** |

**vi) Any consequential changes to be considered in other IS**

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| **S. No** | **Related IS to get impacted** | **Requirements to be impacted** |
|  | Nil | Nil |

1. **Any other observation:**

### Based on observations – A new parameter for Purity of p-Dichlorobenzene and other impurities may be incorporated as proposed in 5 (iii above).

1. **Recommendations:**

The standard may be revised in view of the actions proposed above.