Comments **on BIS Documents**

**TITLE: IS: 12633 FIRST FILLING AND EMPTYING OF PRESSURE TUNNELS - GUIDELINES**

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| **Sl.**  **No.** | **Committee/ Organization/**  **Individual** | **Clause/**  **Sub clause**  **Paragraph**  **Figure/Table** | **Type of Comment**  **General/**  **Technical/**  **Editorial** | **Comments**  **(Justification For Change)** | **Proposed Change** | **The decision of the Panel in 4th meeting on 30th Oct 2023** |
| **1.** | THDC India Limited | 3.1.2 (f) | Editorial | Comma to be inserted after man-hole | ‘man-hole construction adits’  be replaced by  ‘man-hole, construction adits’  Corrected sentence of para:  It shall be ensured that all the points, such as, man-hole**,** construction adits, etc, have been properly sealed/plugged in accordance with design requirements. | Panel members deliberated and agreed to incorporate the proposed change. |
| **2.** | THDC India Limited | 3.1.3 (d) | Editorial | Repetition of Clause No. 3.1.3 (c) | Delete 3.1.3 (d) ‘d) Water level indicators, automatic system for operation and all the alarms shall be checked.’  and  Re-number the subsequent clauses as (d), (e) and (f) | Panel members deliberated and requested BIS to resolve the comment by referencing the already existing standard |
| **3.** | THDC India Limited | 3.1.4 (c) | Technical | To ensure zero leakage of water through the man-hole covers | Insert the following sentence at the beginning of para 3.1.4 c):  ‘The condition of the gaskets for the man-holes shall be checked and damaged gaskets shall be replaced.’  Corrected sub clause of para:  **The condition of the gaskets for the man-holes shall be checked and damaged gaskets shall be replaced.** All the bolts of man-holes shall be checked and tightened. | Panel members deliberated and did not agree to incorporate the proposed change. |
| **4.** | THDC India Limited | New Clause 3.1.4 (k) | Technical | Ensure proper initial filling | Insert new sub clause to Clause 3.1.4 as below:  **(k) The penstock drain valve shall be checked for proper operation and it shall be ensured that it is in closed position.** | Panel members deliberated and did not agree to incorporate the proposed change. |