

Wire Harness Competition

GUIDELINES

Who can Participate?

- Wire Harness Assembly Operators / IPC 620 CIS – Member / Non Member Companies
- IPC 620 CITs – Not eligible

Guidelines

- Contestant will be provided a kit, containing parts/ BOM for preparing the Wire Harness assembly
- The Cable Wire Harness is to be assembled and evaluated as per the latest revision of IPC/WHMA-A-620, Class 3 requirements.
- A time will be allotted for completion of the harness assembly.
- The contestant is expected to complete the task within the stipulated time. No extra time will be given for completing the assembly if unfinished within the stipulated time.
- The task includes the following:
 - BOM Checking,
 - Component and Wire Preparation,
 - Verify Crimp Height,
 - Marking and Labelling,
 - Identify Tools,
 - Wire Termination (Soldering and Crimping),
 - Harness Assembly,
 - General Work Culture
- In-process evaluation of the workmanship will be done at each check point as per the “Evaluation Check List”.
- The wire harness assembly will be tested for continuity, evaluate overall assembly workmanship.
- Assemblies failed in continuity test shall not be considered for final evaluation.
- The Winner will be eligible to participate in the Global Championship during January 2026 @ IEMI event, Bangalore, India.