

General Guidelines

HAND SOLDERING

Contest for the year 2023 will be held in 3 stages

1. **Preliminary Round** (Nov 2022 - March 2023)
2. **Semi-final round (Zonal)** (April 2023 - July 2023)
3. **Final Round** (Chennai, August 1, 2022) at **Feathers – A Radha Hotel**

Preliminary Round Schedule

November 2022 - March 2023

Hand Soldering Competition			
S. No	City/State	Region	Date
1	Any City	Any Region	Any Date Between (November 2022 – March 2023)

Preliminary Round Guidelines:

1. Preliminary competition can be held at their respective company premises.
2. Preliminary competition is **OPTIONAL**. However, IPC India would appreciate all participating companies to conduct the preliminary round at their facility.
3. In the event the companies need assistance of Observers & Judges or any guidance for conducting the preliminary round, IPC India support can be availed. on request.
4. PCB, Components, Consumables, Equipment and tools required for holding preliminary contest shall be from the company's stocks
5. Each company may Nominate maximum 3 candidates who are well Deserved, Capable, Knowledgeable in PCB Assembly and hand soldering process as per JSTD-001 & IPC -A-610 Standards.
6. The Soldered PCB to be evaluated as per class 3 of the applicable IPC standard
7. Company to ensure that the participants nominated for the semi-final round is having good knowledge of the IPC Standards, Preferably a CIS certified or person with a very good experience in soldering of PCBs.
8. Observer and Judges shall necessarily be certified Trainers in IPC-A 610 or J-STD-001 Standard **Observer**, will be observing the activity of the participant very closely, while **Judge** will be a person who will be evaluating the finished assembly
9. In case participating company willing to conduct Preliminary round companies have to arrange their own Kits.
10. Winner/First runner/ Second Runner from the preliminary round will move on to Semi-final Round to compete with other participants.
11. Travel and stay and other incidental expenses are either to be borne by these successful employees / technicians, or by the company deputing them.
12. To participate in the Semi-final round each successful participant from the preliminary round should pay an entry fee, which will be decided by IPC India and intimated.



Sample Picture of Preliminary Round Certificate

Semi Final Round Schedule

April - July 2023

Hand Soldering / Wire Harness Competition			
S. No	City/State	Region	Date
1	Chennai	Tamil Nadu & Pondicherry	6th April
2	Lucknow	UP	To be Decided
3	Pune	Maharashtra & Goa	25th April
4	New Delhi	Delhi NCR	4th May
5	Bengaluru	Bengaluru City	16th May
6	Kolkata	West Bengal	To be Decided
7	Colombo	Sri Lanka	23rd May
8	Ahmedabad	Gujarat	1st June
9	Hyderabad	Telangana	15th June
10	Dubai	UAE, Saudi Arabia, Qatar	To be Decided
11	Mumbai	Maharashtra	To be Decided
12	New Delhi	North & East India	11th July
13	Bengaluru	Karnataka & Kerala	To be Decided

Semi Final Round Guidelines:

1. Semi-Finals will be conducted in several cities to cover participating companies (As per above list)
2. Each participant will be provided with a drawing, BOM, Routing charts.
3. Required tools will also be provided by IPC India.
4. Each Participant will be allotted an observer, who will be overseeing the operations performed.
5. Winner and Runner from each Zone will be competing with winner and Runners of other Zones in the final.
6. Certified IPC Trainer (CIT) are not entertained / permitted to take part in the Semi-Final competition as a competitor. However, the certified IPC Trainers from the company would be required as Observers /Judges during the Semi-final & Final rounds.
7. Competition at Semi-Final Level will be purely time based and evaluation shall be as per class-3 of PC Standards.

Final Round Schedule

August 2023

Hand Soldering Competition			
City/State	Date	Day	Venue
Chennai, Tamil Nadu	1 st August	Tuesday	The Feathers – A Radha Hotel

Final Round Guidelines:

1. Final competition will be held in “**Chennai** on “**August 1**” at **The Feathers – A Radha Hotel**
2. Winner and Runners in Zonal competition (Semi-final) will be competing with each other .
3. Expenses like Travel, Accommodation and other incidentals may have to be borne by the participant of the company which he /she is representing.
4. Competition at Final Level also will be purely time based.
5. In case of any TIE breaker: Winner would be selected by Tie Breaker quiz contest pertaining to the topic of PCB Assembly process as per IPC standards.
6. Winner and Runner in the Final will be given a TROPHY and a CERTIFICATE