

Information Booklet
on
National Best Welder Competition for Women - 2019

Organised by



M/s KempPI India Pvt. Ltd. & M/s NextGen Plasma Pvt. Ltd.



Categories:

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|------|------------------------|---|--|
| I. | Best Structural Welder | - | SMAW Process – 2F & 3G Positions, Carbon Steel |
| II. | Best Structural Welder | - | GMAW Process – 2F & 3G Positions, Carbon Steel |
| III. | Best Pipe Welder | - | GMAW Process – 6G Position, Carbon Steel |
| IV. | Best Pipe Welder | - | GTAW Process – 6G Position, Carbon Steel |
| V. | Best Student Welder | - | SMAW Process – 2F Position, Carbon Steel |
| VI. | Best Student Welder | - | GMAW Process – 2F Position, Carbon Steel |

In Association with



The Indian Institute of Welding

GENERAL INFORMATION

- M/s Kemppi India Pvt. Ltd. and M/s NextGen Plasma Pvt. Ltd. in association with The Indian Institute of Welding (IIW-India) have taken an initiative to inspire and enhance the skill of woman welders (including students) pan India through the “**National Best Welder Competition for Women**” every year.
- This year, the initial competitions will be held in four cities in four regions: Pune in Western Region, Delhi in Northern Region, Kolkata in Eastern Region and Chennai in Southern Region during the month of November 2019. The winners of each category of different region will get chance to compete in the National Final.
- The National Final Competition for the Best Structural Welders, Best Pipe Welders and Best Student Welders in different categories is scheduled to be held on **6th of December 2019**, at the premises of M/s Kemppi India Pvt. Ltd., Chennai.
- This competition is FREE and open to all. Desirous candidates are required to contact respective region / IIW-India as per the schedule. Past winners are not eligible to take part in the same category.
- The candidates selected for the National Final in Chennai will be provided free boarding and lodging, for 1 night (5th or 6th of December 2019), on requisition.
- The Winners of the competition for each category will be awarded with prize and certificate during the IIW International Congress (IC 2020) on **6th of February 2020**, at Mumbai.
- All the competitors will be awarded with the participation certificate and a memento.
- The Winner of different categories will be eligible for direct entry to the “**National Skill Competition for Best of the Best Welders – 2019**”, to be held in Mumbai during **13th & 14th of December 2019**, subject to fulfilment of the eligibility criteria of referred competition.

RULES AND REGULATIONS

1. The competitor must be able to read and write in English and / or in any Indian Language.
2. The competitor must have minimum 2 years’ experience in practical welding (except for the students).
3. The competitor must have basic theoretical knowledge of welding.
4. The competitor must have some knowledge of the Codes/Standards being followed at their work place.
5. The competitor will be allowed to compete in one category only.
6. The competition will be held for the following six categories:
 - Category I: Best Structural Welder in SMAW Process (Carbon Steel)**
 - Category II: Best Structural Welder in GMAW Process (Carbon Steel)**
 - Category III: Best Pipe Welder in GMAW Process (Carbon Steel)**
 - Category IV: Best Pipe Welder in GTAW Process (Carbon Steel)**
 - Category V: Best Student Welder in SMAW Process (Carbon Steel)**
 - Category VI: Best Student Welder in GMAW Process (Carbon Steel)**
7. Competitors for Best Structural Welder will be provided with two sets of test coupon to weld in 2F (2 plates) and 3G (2 plates) positions.
8. Competitors for Best Pipe Welder will be provided with one set of test coupon (2 pipes) to weld in 6G position.
9. Competitors for Best Student Welder will be provided with one set of test coupon to weld in 2F (2 plates) position.
10. Grinding will not be allowed for back of root run and capping run. Hacksaw Blade and brush may be used.
11. Completion time (including fitting) for Categories I, II & III is 1 hour, for Category IV it is 45 minutes and 30 minutes for Categories V & VI.
12. The welded test coupon should pass in Visual Examination to qualify for Radiography Test.
13. Total Marks: 100 (50 marks for Visual assessment as per ISO 5817 and 50 marks for Radiography assessment as per ASME Section IX Para 191.1.2).
14. In case there is a Tie in marks, completion time will be the factor for winning the competition. i.e., competitor, who have completed in lesser time, will be declared as the winner.

SPECIFICATION

Material:

1. Plate: 250 mm X 100 mm X 10 mm thk. (2 pieces for Butt Welds) and 200 mm X 100 mm X 8 mm thk. (2 pieces for Fillet Welds) of ASTM A 36 / IS 2062 or equivalent for Categories I & II.
2. Pipe: NB 4" Sch. 40 (6.02 mm thk.) ASTM A106 Gr. B / API 5L Gr. B or equivalent with length 100 mm (2 pieces) for category III.
3. Pipe: NB 2" Sch. 40 (3.91 mm thk.) ASTM A106 Gr. B / API 5L Gr. B or equivalent with length 100 mm (2 pieces) for category IV.
4. Plate: 200 mm X 100 mm X 5 mm thk. (2 pieces) of ASTM A 36 / IS 2062 or equivalent for Categories V & VI.

Assembly:

1. Single V preparation for Butt welds with 55° ~ 65° with root gap and root face as per Welder's choice.
2. Plate shall be tacked in both the ends for Butt welds with no more than 15 mm length each and both the edges for Fillet welds according to the thickness.
3. Pipe shall be tacked in 2 positions for NB 2" and 3 positions for NB 4" with no more than 10 mm length each.

Consumables:

1. Category I & V: E7018 dia 2.5 mm & 3.2 mm.
2. Category II, III & VI: ER70S-6 dia 1.2 mm.
3. Category IV: ER70S-6 dia 2 mm & 2.4 mm.

COMPETITION SCHEDULE & CONTACT DETAILS

For Regional Competitions:

1. PUNE: Competition date: 02/11/ 2019; Last date for receiving application: 19/10/ 2019

Address: Kemppi Robotics Application Centre, Chinchwad, Pune.

Contact persons: Mr. Rahul Chikale, Mobile No.: 7338744508, E-mail Id: Rahul.chikhale@kemppi.com
Mr. Anandu Mohan, Mobile No.: 9884410247, E-mail Id: Anandu.mohan@kemppi.com

2. DELHI: Competition date: 09/11/2019; Last date for receiving application: 26/10/2019

Address: Kemppi Demo Centre, Delhi.

Contact persons: Mr. Rahul Bhat, Mobile No.: 7338744504, E-mail Id: bhat.rahul@kemppi.com
Mr. Anandu Mohan, Mobile No.: 9884410247, E-mail Id: Anandu.mohan@kemppi.com

3. KOLKATA: Competition date: 16/11/2019, Last date for receiving application: 02/11/2019

Address: Kemppi Solution Centre, Jagadishpur, Howrah.

Contact persons: Mr. Devasis Paul, Mobile No.: 9830035163, E-mail Id: devasis.paul@gmail.com
Mr. Anandu Mohan, Mobile No.: 9884410247, E-mail Id: Anandu.mohan@kemppi.com
Mr. Suman Ghosh, Mobile No.: 7338744526, E-mail Id: Suman.Ghosh@kemppi.com

4. CHENNAI: Competition date: 23/11/2019, Last date for receiving application: 09/11/2019

Address: Kemppi India Pvt. Ltd., Neelankarai, Chennai.

Contact persons: Mr. Ilhar M, Mobile No. 9384844674, E-mail Id: Ilhar.muhammed-shafi@kemppi.com
Mr. Anandu Mohan, Mobile No.: 9884410247, E-mail Id: Anandu.mohan@kemppi.com

National Final: Competition date: 6th December, 2019

Address: Kemppi India Pvt. Ltd., Laxmi Towers, 2/770 First Street, Neelankarai, Chennai 600041.

Contact persons: Mr. Ilhar M, Mobile No.: 9384844674, E-mail Id: Ilhar.muhammed-shafi@kemppi.com
Mr. Anandu Mohan, Mobile No.: 9884410247, E-mail Id: Anandu.mohan@kemppi.com

Contact Person in IIW-India for Regional and National Competition:

Mr. Rituraj Bose, Mobile No. 7003789295, E-mail Id: rituraj.bose@iiwindia.com

**PROFORMA FOR APPLICATION / NOMINATION FOR
NATIONAL BEST WELDER COMPETITION FOR WOMEN - 2019**

Application for National Best Welder Competition for Women in Category

Opted for the Region / City

Forwarded by (if any)

PLEASE FILL ALL THE DETAILS IN CAPITAL LETTERS

Photographs
(1 photo to be
affixed here
and 2 photos to
be stapled with
the form)

1. Name :
2. Date of Birth :
3. Present Address :

4. Mobile no. :
5. E-mail Id :
6. Photo Id (type & no.) :
7. Name of Sponsoring Organization (if Applicable) :

8. Address of the Organization :
(with Tel. No. & E-mail)

9. Educational Qualification of the Candidate (optional) :

S. No.	Qualification	Institute	Major Subjects

10. Professional Experience :

11. Specific achievements in the Welding Field (optional) :

Declaration: I hereby declare that, I will follow all the instructions given for the National Best Welder Competition for Women. I will take part in a fair and friendly manner and will accept the results declared, as final. I also declare that all the particulars stated above are true to the best of my knowledge.

Signature of the applicant :

Date :

Signature of the Nominating authority (if Sponsored) :

Name :

Designation :

For Office Entries :

Form Received From on

For competition in Category (I / II / III / IV / V / VI).

Signature of Receiving official :

Name :

Designation :