

## Tit Bit in Welding

### PREAMBLE

It has been a long standing desire to include a separate section bearing a title, "Technical Brief", or some other suitable name, within the Indian Welding Journal. However, the Editorial Team of the Indian Welding Journal could not gather enough input to start this section effectively. After a long wait, the Honorary Secretary General, Mr. Parimal Biswas, could identify Mr. S. K. Gupta, a person having long standing experience in welding and fabrication sector of industry, to obtain some write up that can be included in the respective section, named, "**Tit Bit in Welding**" of the Journal. Therefore, from this October 2015 issue of the Journal, this section is being started with a write up obtained from Mr. Gupta bearing the title, "**An Approach to Best Welding Practice**". I as the Joint Editor wish to give sincere thanks to Mr. Gupta to enable us to start this section.

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### BEST WELDING PRACTICE

As a Welding Practitioner with both on and off the shop floor working experience coupled with professional visits to Manufacturing and Fabrication units using welding as a major process, I have formed a view that Professionals in other areas are always in-charge of proceedings and dominate the decision making processes. Team work is often missing, welding professionals are frustrated and contractors and operators are allowed to work at their will.

But, I have also observed that most of the Professionals at the helm of affairs, Contractors, Operators, Inspectors want to learn and apply the knowledge gainfully if they are allowed to. Knowledge applied if produces results, encourages all to plan–learn–apply–check result and then tempted to repeat the cycle for more results.

Problem is to identify the Path to do the Welding in the Best Way and to have a Pathfinder in the Team as Facilitator. There is no hard and fast rule about formulating the Path– only a guideline can be provided as the areas influencing welding are large and open. The Facilitator has to emerge from the selected few of the team.

I have often been tempted to put down a few lines on welding as "Tips"/ "Guidelines"/ "Directives", but never found the correct word as an objective to do so; and an urgency to do so till Mr. Parimal Biswas, Honorary Secretary General, Indian Institute of Welding, urged me to participate in a Lecture and Discussion on the "Best Practice of Spot, MIG and TIG Welding". I did and was delighted as I deluged with questions and positive responses from all levels starting from the Chairman & Managing Director to the Welder Helper at the shop floor.

I now have an intention to put down a few more write ups as a sequel on specific problems and dilemmas faced to approach the Best Welding Practice, may be for my own pleasure. I have modified the said Lecture to a most generalized format and as an only Overview of a few important points as the first write up of the series to draw attention of the interested ones in the Supply Chain and Operation Management where Welding is the Primary and a Special Process.

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