EDITORIAL

I suppose everyone has made a New Year's resolution. We all know that none of us will remain true to our commitments for the entire year. If we really did, then we would not have to make the same resolutions from one year to the next.

As we read this issue of Indian Welding Journal most of us realize that our attempts at following through with this year's resolutions have already failed. The problem with New Year's resolutions is that they are not consistent with our living habits. Each resolution requires a modification to the way we live our day to day lives or it becomes a burden that is easily passed over as time goes by. Sometimes we become determined enough to actually change our habits and life-style. When that happens, our resolutions become reality because they have become embedded in our daily rituals.

We all need to assimilate the habit of inviting our friends and other professional acquaintances to join IIW-India into our fundamental life-style. Each of us should resolve to invite three of our colleagues to join us as members of IIW-India. Let us take a challenge to all of us for new members that will help to grow us professionally.

Brazing filler materials and manufacturing processes associated with them should be choosen to minimize the amount of any brittle phase in braze joint to provide high performance. The paper "Microstructure Evolution and Bonding Strength of Brazed Joint of Stainless Steel and Copper" highlights the optimized brazing temperature for achieving high joint performance.

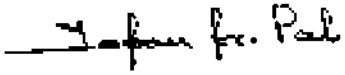
The paper "Effect of different oxide fluxes on the penetration depth, microstructure and corrosion behaviour of austenitic stainless steel in A-TIG welding" illustrated the benefits obtainable from the oxide fluxes in addition to penetration such as corrosion property. Fabrication industries could be of interest for their use in the field.

The necessity of upgrading the arc welding power sources in the domain of industrial fabrication has been recognized long back. The paper "Investigations on the performance characteristics of GMAW power sources" emphasized the optimized parameters for automatic GMAW process which is gaining more importance in our country at present.

The paper "State of art: joining of microwave processed materials" illustrated assessed information on the new techniques of joining materials. Research still continues to explore this advanced technique for newer applications.

The NWS 2013 will be held during 7-9 February, 2013 in Karnataka Trade Promotion Organization, Bangalore. It is hoped that all interested authors have already submitted their technical abstracts to the seminar. Obviously, the excitement of the grant event of NWS 2013 will bring the IIW-India community together for 3 days of science, technology, business and entertainment. We expect it to be a very grand success.

On behalf of the editorial board of the Journal I would like to wish all of our readers, home and abroad, a very happy and successful 2013.



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