

TIG^{er} Performance Feedback

1. Overall weld overlay cladding station operation stability evaluation

The equipment has a good stability. It works adequately.

2. Defect rate & type status

The defectology is around 0.1%, if the parameters are adequate. This defectology rate has been achieved thanks to a good training of the operators.

3. AVC performance during weld overlay cladding for smallest size pipe.(as for the travelling speed is quite high, I'd like to know if there will be any problem for AVC control)

We don't see any problems during the AVC performance.

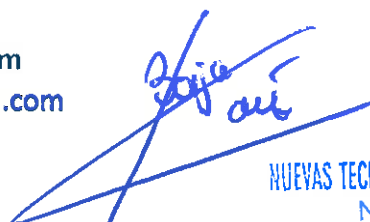
4. Wire feeding stability, how long you need to change the conduit and Nozzle. (as the wiring speed is quite high, I want to know the status of conduit under high speed feeding, for the nozzle as you have water cooling, I agree it will be good)

It is necessary to change the contact tip every 5 hours, due to the high speed of the wire (around 6m/min).

5. Fe Dilution Status for Inconel 625.

In our last tests, we have got at 2mm from fusion line an iron content of 2.87% Fe.

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