

Welding on Cogged Surfaces of Aluminum Bars from the Railway Electric Sub-Station

Bogdan Georgescu*, Valeriu Georgescu**

* ISPAT - SIDEX, Galati, ROMANIA

** Dunarea de Jos University of Galati, ROMANIA

ABSTRACT

This paper proposes the replacement of the spot cold welding used to connect the aluminium bars from the railway electric sub-station with cold welding on cogged surfaces. The advantages of this new method are connected with the decreasing of the electrical contact resistance due to the increased bars contact surface and the improvement of the joint mechanical resistance.

References

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