

WELCOME TO NIRANKARI



Improvement Detail : 3 S System Provided in Zinc Nickle

In Zinc Nickle Plating tank During application of current Oxygen generate which causes cyanide in tank which is harmful for zinc nickel bath, hence Membrane Anode provided with flow meter in zinc nickel tank to prevent occurrence of cyanide.



During application of current Oxygen generate which causes cyanide in tank which is harmful for zinc nickel bath

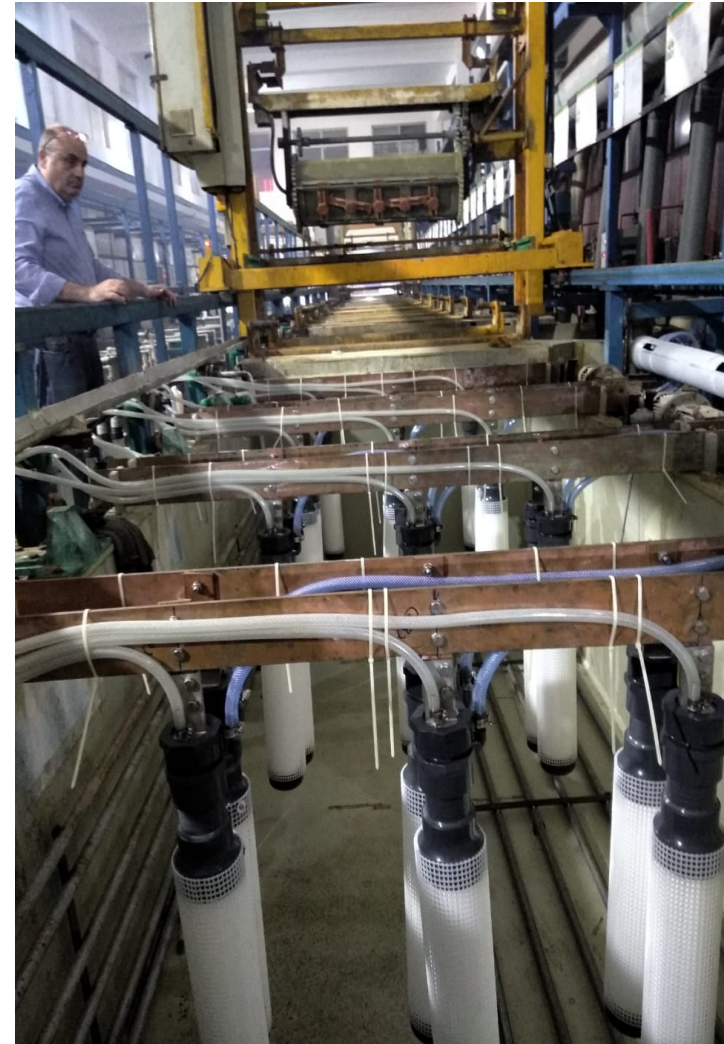
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MEMBRANE ANODES INSTALLED IN ZINC NICKEL PLATING TANK

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Flow meter provided in zinc tank

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Comparison of Standard Anode and 3S

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	Standard Anode	3S
Current Efficiency	50-60%	80-90%
Plating rate ($\mu\text{m/h}$)	6 – 8	9 – 11
Energy (rectifiers + cooling)	100%	50%
Cyanides	Yes	No
Color	Brown	Purple (constantly)
Carbonates	>60 g/l (increasing)	30-40 g/l (constantly)
Consistency	no	yes

THANKS