

9-17-2024,150, tank 5th (part 1)

Unnamed: 0	Unnamed : 1	Unnamed : 2	Unnamed : 3	Unnamed : 4	Unnamed : 5	Unnamed : 6	Unnamed : 7	Unnamed : 8	Unnamed : 9	Titration results	Unnamed : 11	Unnamed : 12	Unnamed: 13
Date	Part name/task explanation	Temperature, C	Current, Amp	Time, min	Coating thickness, um	Total Bath Ampxhour after plating part in line	pH Preplate	Surface Tension	Pickle %HCL	Nickel Sulfamate Tetrahydrate, g/L	Boric acid, g/L	Nickel Chloride Hexahydrate, g/L	Notes
2024-11-15 00:00:00	chemical add	70	9			274.5							added 11.5 L of Liquid Nickel Sulfate
2024-11-15 00:00:00	125407 roll	70	9	80	35	286.5	4		30	575	19	14	
2024-11-18 00:00:00	Start of day sample	70				286.5	4.1		30	570	17	14	filter cleaned and all filter pads changed to carbon filter pads
2024-11-18 00:00:00	125408 roll	70	9	80	35	298.5	4						
2024-11-18 00:00:00	125409 roll	70	9	80	35	310.5	4.2						
2024-11-19 00:00:00	Start of day analysis					310.5		48.8	28	575	17	13	Surface tension was high, it should be less than 45. Sodium lauryl sulfate (SLS) needs to be added
2024-11-19 00:00:00	Chemical add												Added 60 ml of wetter
2024-11-19 00:00:00	125410 roll	70	9	80	35	322.5	4.5						
2024-11-19 00:00:00	125411 roll	70	9	80	35	334.5	4						
2024-11-19 00:00:00	125412 roll	70	9	80	35	346.5	4						

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2024-11-2 0 00:00:00	Start of day analytical							44	0.25	575	17	13	%HCl in pickle was low. It should be around 30%. HCl needs to be added to pickle.
2024-11-2 0 00:00:00	Chemical add												3 gallons HCl was added to pickle
2024-11-2 0 00:00:00	125413 roll	70	9	80	35	358.5	4						
2024-11-2 0 00:00:00	125414 roll	70	9	80	35	370.5	4						
2024-11-2 0 00:00:00	125415 roll	70	9	80	35	382.5	4						
2024-11-2 0 00:00:00	125416 roll	70	9	80	35	394.5	4						Cracked deposit. Based on the AA analysis, there is chrome contamination.