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S R S Service & Supply Co.,Ltd.



Stencil Cleaning Evaluation

With
UN 1594 WATER BASED CLEANER

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Stencil Cleaning Evaluation

* Material /Machine

- Solvent name: UN1594
- Concentration Ratio : 1:15 (UN 1594 : water)
- Stencil : SAC 305 Noclean Solder Paste.
- Ultrasonic tank : Ultrasonic.



Stencil Cleaning Evaluation

* Method

- Take photo used no clean paste stencil.
- Put stencil into dilute UN 1594 Water Based Tank with Ultrasonic for 30 min.
- Wipe off with paper and see any particle residue left in aperture and take photo.

Stencil Cleaning Evaluation



Ultrasonic tank



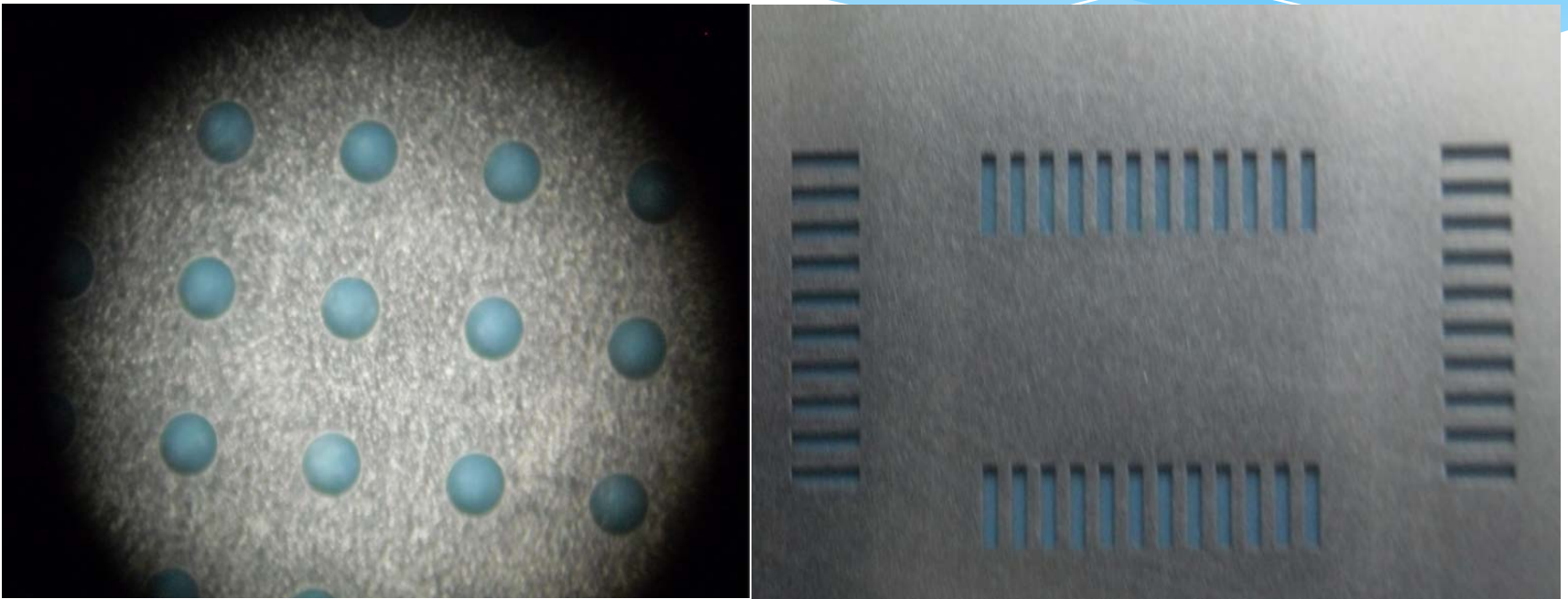
Stencil Cleaning Evaluation



Show used solder paste stencil



Stencil Cleaning Evaluation



Show aperture after cleaned stencil



Stencil Cleaning Evaluation

* Summarized and Suggestion

- * - UN 1594 Water Based Cleaner can clean used Noclean paste stencil properly.
- * - UN 1594 Water Based Cleaner have no odor which safety for operator.
- * - The ratio 1:15 can clean properly then can save cost of cleaning and cleaner.
- * - We recommended add rise with water and dry off with air blow to make sure stencil cleaned and dry.
- * - UN 1594 can clean flux residue at reflow oven . It will effect clean if input heat around 50 Deg C with out fire.