



บริษัท เอส อาร์ เอส เซอร์วิส แอนด์ ซัพพลาย จำกัด  
**S R S Service & Supply Co.,Ltd.**



# Wave Pallet cleaning Evaluation

With  
**UN 1594 WATER BASED CLEANER**

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# Wave Pallet Cleaning Evaluation



## \* Material

- Solvent name:
- Concentration Ratio :1:8 ( UN 1594 : water)
- Wave Pallet : RF800 Flux residue



# Wave Pallet Cleaning Evaluation



## \* Method

- Take photo wave pallet
- Soak wave pallet into dilute UN 1594 Water Based Tank for 30 min. with air bubble to circulate UN 1594 Water Based Cleaner
- Rinse with water and see any flux residue left and take photo.



# Wave Pallet Cleaning Evaluation



Photo 1 show Mixed UN 1594 Water Based Tank

As photo 1 noticed a little foaming and operator confirmed that have no odor.



# Wave Pallet Cleaning Evaluation

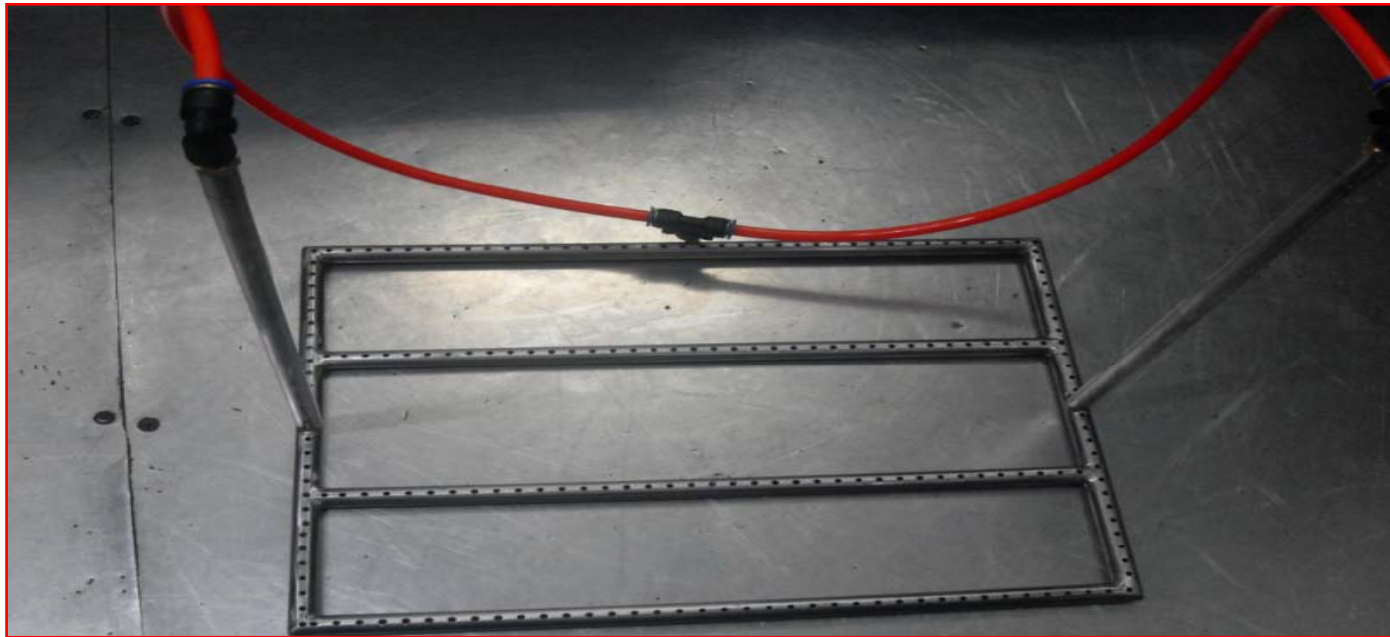


Photo 2 show air bubble source



# Wave Pallet Cleaning Evaluation



Photo 3 show wave pallet before cleaning



# Wave Pallet Cleaning Evaluation



Photo 4 show yellow color of flux residue on the wave pallet



# Wave Pallet Cleaning Evaluation



Photo 5 show soak wave pallet into cleaner tank with open air bubble



# Wave Pallet Cleaning Evaluation

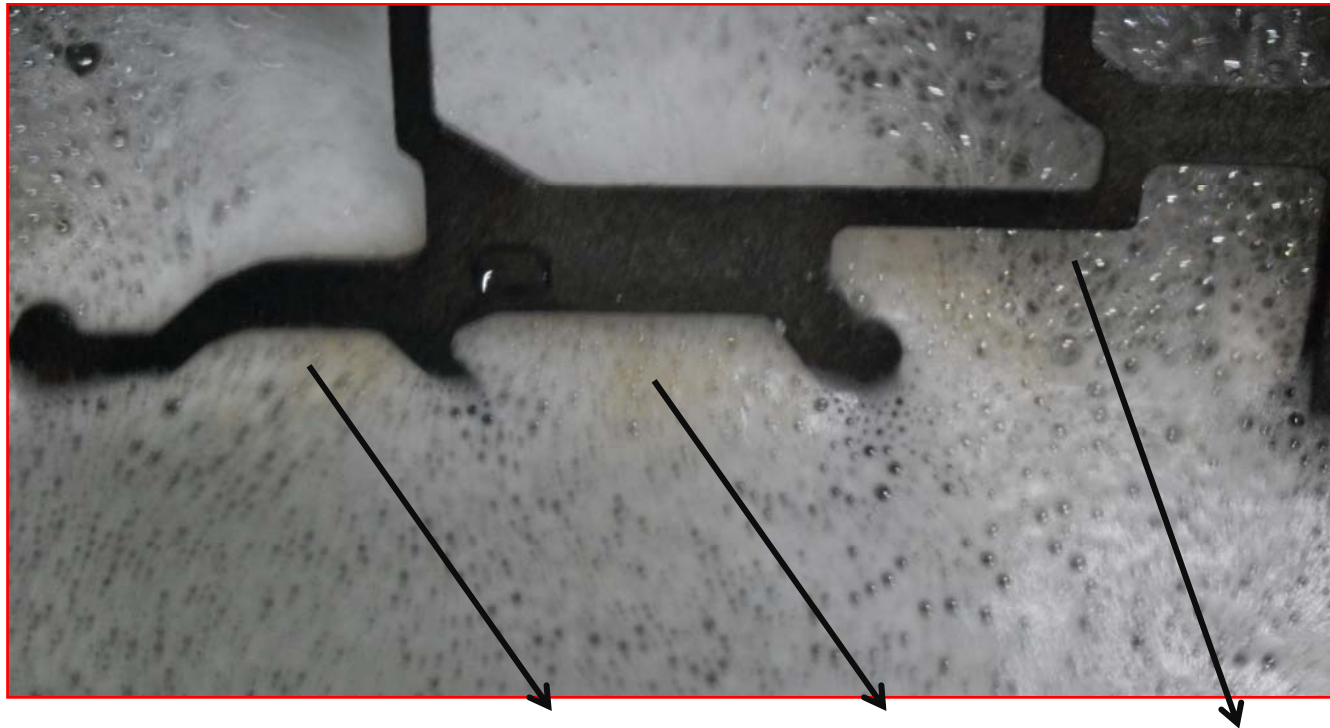


Photo 6 show flux residue was removing from wave pallet . See yellow color on the foaming of UN 1594 Water Based cleaner



# Wave Pallet Cleaning Evaluation

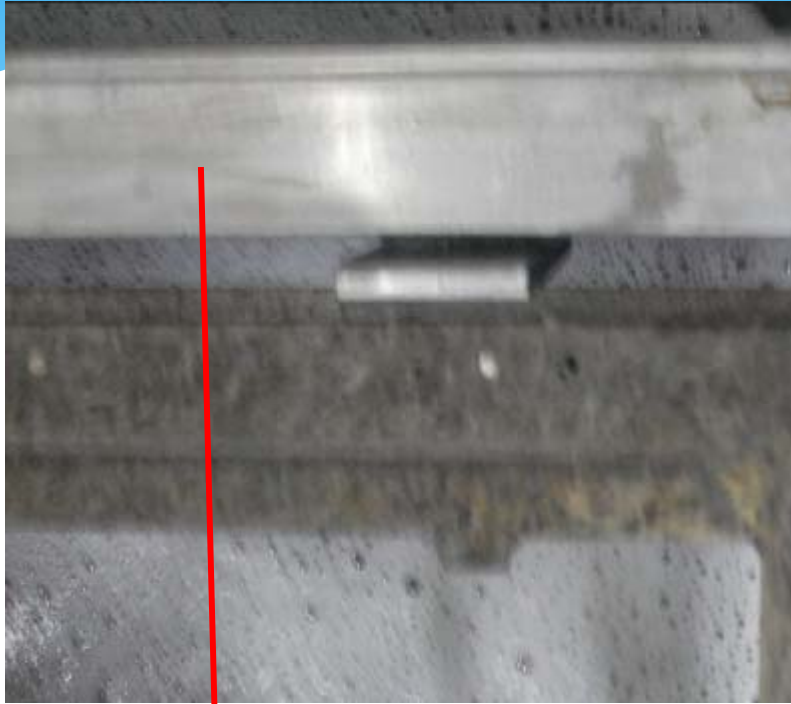


flux residue was removed  
after cleaning

flux residue left  
with out cleaning



# Wave Pallet Cleaning Evaluation



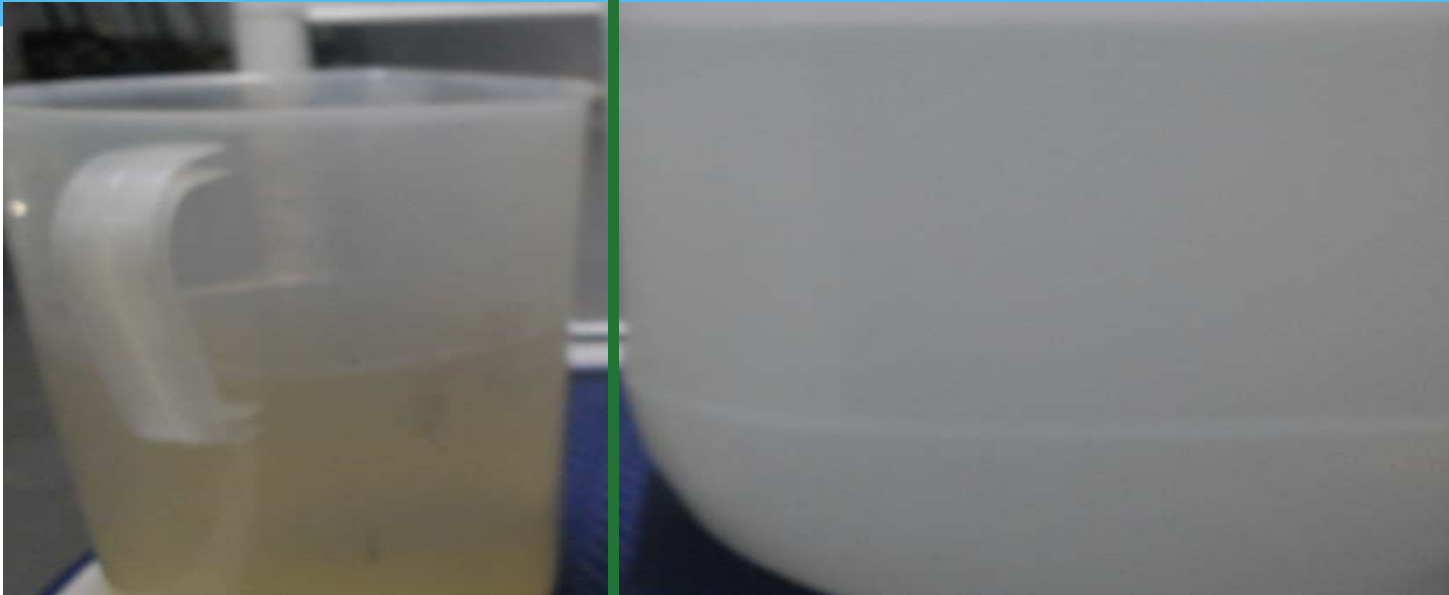
flux residue was removed after cleaning . Notice on aluminum that flux residue also removed.



flux residue left with out cleaning .Notice on Aluminum is black color mean flux residue left on.



# Wave Pallet Cleaning Evaluation



UN 1594 Water  
Based Cleaner after  
Clean off flux residue  
Color change from  
clear to yellow color

A new UN 1594  
Water Based Cleaner  
with out clean flux  
residue show clear  
colorless



# Wave Pallet Cleaning Evaluation



## \* Summarized

- UN 1594 Water Based Cleaner can clean RF800 flux residue on wave pallet properly.
- UN 1594 Water Based Cleaner have no odor which safety for operator.
- The ratio 1:8 can clean properly then can save cost of cleaning and cleaner.