AquaSurTech Certification Training Checklist

Both customer and trainer are required to sign off on this list.
It insures all material have been reviewed with the customer, and any potential problems with the set up are documented. Improvements can be recommended as well.

Spray Area Inspection

Is there a vented spray area or spray booth ?
Is airflow adequate?
Verify air dryness- spray onto piece of paper
Dollies for product handling ?
Table for masking
Describe Drying Area
Drying area- winter vs. summer conditions
Clean dry compressed air – test air quality
Area to clean the gun , i.e. a sink in close proximity to the spray area
Paint storage area
Verify general cleanliness

Supplies

Paint
Cross Linker
Cleaning Prep Solution
Viscosity Cup
Paint Mixer (for stirring gallons)
Mixing Paddle (for stirring 5 gallons)
Touch up Bottles
Spare Parts for Gun (from gun supplier)
Gun Cleaning Kit
Lint Free Rags or Cloths
Paint Strainers
Scotch Brite Pads
300 grit sand paper
Spare Parts for Gun (from gun supplier)
Temperature and Humidity Gauge for Spray Area (optional)
Acetone (or Lacquer thinner)
1 Liter Glass Measurement Container (kind used for cooking)
Measuring Spoons or Syringe (graduated in ml is best)
Spray Mask
Masking Tape
Distilled Water

Paint Preparation

Mixing Paint
Straining
Viscosity Adjustment- discuss viscosity vs. color
Discuss Viscosity vs. Humidity
Cross Linker Addition (while mixing)
Loading Gun with Paint
Demonstrate the above and let customer go through process

Substrate Preparation and Masking

Clean with Hurrisafe 9100
Acetone or Lacquer Thinner- when to use it.
Bulb and Fin Seals- special preps ?
Review different substrates which will be sprayed:
    Screens, Corner Keys, Grids, Door Inserts, SDL, Fiber-glass, Primed Steel, Mill Finished Aluminum
Prep all the above for adhesion testing.
Which window designs will be painted
Review Masking Requirements for each
Observe customer masking and prepping one window.

HVLP Spray Technique

Review Gun Settings- Pressures and Fan- nozzle size 1.2 m.m.
Illustrate painting cardboard to check gun settings
Paint Horizontal or Vertical
Optimum paint location relative to airflow
Demonstrate optimum gun distance to avoid dry fume.
Demonstrate "wet look" need to generate a smooth finish
Show optimum Fume Coat
Build and Top Coats
Discuss problem colors and requirements with respect to more coats.
Illustrate repair of problems- runs, dry/missed spots
Touch Up Bottles- load with non cross linked paint
Illustrate Daily Gun Maintenance
Illustrate Weekly gun Maintenance
Observe customer spraying at least two complete windows

Drying

Allow surface to relax 5 minutes before exposing to IR
What is the expectation of the drying time, how long after painting do they need to ship ?
Are conditions adequate to achieve this in both winter and summer ?
Demonstrate cross hatch test on small painted samples.
Illustrate improved adhesion over time (depending on the drying conditions, this can take hours or even days)
Explain ways of speeding up drying time.

Demonstrate cross hatch adhesion test.

Note: Review Troubleshooting Document (leave with customer)

Comments:

Customer Signature: _____

Trainer Signature: _____