

Painter training is the most integral part of the spray coating operation.

- Improve efficiency
- Reduce hazardous waste generation
- Save the DoD millions of dollars in material costs
- Improve equipment readiness
- Maximize coating efficiency
- Improve finish quality
- Decrease reset costs
- Increase transfer efficiency
- Increase service life of coated equipment and vehicles
- Increase safety of the Armed Forces' equipment and soldiers
- Satisfies environmental regulations for DoD paint facilities
- Improved readiness and extends life of military assets

STAR4Defense Mission

To provide painter training to military personnel to facilitate effective spraying of specific components, equipment, vehicles and surfaces in efforts to maximize coating efficiency and minimize environmental pollution.

“
Lean Manufacturing:
ISO Auditor States
STAR4Defense is the best painter training certification program I have ever seen.
”



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STAR4Defense is part of the Iowa Waste Reduction Center at the University of Northern Iowa. The program is managed by the United States Marine Corps Corrosion Prevention and Control Program for all services in the Department of Defense.



STAR4D[®]

Spray Technique Analysis and Research for Defense

Hands-on customized training for the U.S. Armed Forces and private industry

www.star4defense.org



STAR4Defense Training

STAR4Defense utilizes three components to provide a well-rounded, comprehensive three-day program. Each training session is customized to meet the specific needs of the facility in regards to coating, equipment and processes.

Classroom

Focus on the essential information from surface preparation and mixing, to the fundamentals of coatings application and cleaning.

Hands-On

In the booth practice that allows technicians to work on improving spray application techniques and incorporate the LaserPaint training tool.

VirtualPaint® Simulation

Technicians are able to train with the VirtualPaint® simulation.



Upper left: Since STAR4Defense's inception, the LaserPaint® has been used in training to teach painters proper spray techniques.



Lower left: STAR4Defense instructors work with painters in and out of the booth to be sure every process is understood.

STAR4Defense Satellite Sites

Through the Train the Trainer program STAR4Defense staff train your instructors and equip your facility with the essential equipment necessary to conduct STAR4Defense certification training on-site.

This allows sites to continually train and recertify their own painters without having to send them to Iowa routinely. It not only saves money on training and recertification, but continues to improve operations at DoD facilities and expands the STAR4Defense network of training sites.

“
Army Depot Paint Chief:
STAR4Defense Satellite Site
The elements of the training course have strengthened my team, and empowered my painters to improve in the areas of cost, quality and schedule.
”

Upper Right: Hands On Training;
Lower Right: The VirtualPaint® simulator is used in training and certification.



STAR4Defense Certifications

STAR4Defense Coatings Technician Certification

The STAR4Defense Coatings Technician Certification course focuses on comprehensive knowledge of the entire coating process and improving spray techniques. With proper training, spray technicians are able to reduce the amount of harmful volatile organic compounds being released into the environment, the amount of paint wasted during application, and the time spent in the booth.

Aerospace Spray Painters Certification

With the assistance of Corpus Christi Army Depot (Corpus Christi, TX), STAR4Defense has implemented the Aerospace Certification Course. It follows the basic structure of traditional STAR4Defense training but targeted to the specifications of the aerospace industry.

Through this course, CCAD has seen a 43% decrease in paint defects and has doubled the life of spray booth paint filters resulting in a reduction in hazardous waste generation.

The certification course allows your facility to meet requirements for ISO AS9001 and AS9110.

Blue Grass Army Depot, located in Richmond, KY, has been a STAR4D satellite site since June 2009 certifying painters through the Coatings Technician Certification course.

