

## DWE: WHERE PRECISION PLASTICS TAKE SHAPE.

When your supplier drops the ball, everything grinds to a halt. At Dave Wheatley Enterprises, we deliver high-quality precision-engineered plastics on time, every time—so you can keep things moving without the headaches.



## DWE SPECIALTY

APPLIED POLYMER SCIENCE	ENGINEERING	PARTS MOLDING	ASSEMBLY & FINISHING	SUPPLY CHAIN MANAGEMENT
01	02	03	04	05

### ► APPLIED POLYMER SCIENCE

Producibility Analysis/DFMA

Durability/Wear Analysis

Component Design Best Practices

Material Certifications

Material Selection & Compatibility

CBRN Protective Resins

### ► ENGINEERING

Multidisciplinary Expertise -electrical, mechanical, plastics

Rapid Prototyping & 3D Printing

Passive Electrical and Electro-Mechanical Product Design

Core Knowledge in Respirator and Air Delivery Systems

Design Verification & Validation Testing

Failure Modes Analysis

## ► PARTS MOLDING

30 Injection Molding Machines - 20 to 550-ton  
( for tight tolerance parts )

Climate Controlled, Clean Room Capable

Wide Range of Resis

Overmolding

Decorative Molding

Sealed Insert Molding

Foam Molding

Polyurethane & Silicone Casting

## ► ASSEMBLY & FINISHING

Complex Product Builds

In-house Electronics Capabilities - PCB s.,  
wiring harnesses and soldering

Overmolded cable assemblies

Functional Flow & Leak Testing

Decorating, Painting, and Marking

Ultrasonic Welding

Adhesive Bonding

Don't Just take  
our Word for it.  
We are:

ISO 9001:2015



## Industries We Serve

AEROSPACE  
& DEFENSE

COMMERCIAL

FOOD & AGRICULTURE

MEDICAL

## WHY DWE?

**99%** Defect-Free  
from Rigorous Testing

Made In  
America

**45,000** sq. ft.  
Facility

DFM

Helping  
Mitigate Risk.

Let's Build a Better Future—Together.

[Book a Consultation](#)