Enter
Who We Are

• Unit Industries Group, Inc. has been dedicated to developing innovative manufacturing solutions with a core of professionals who have over a century of combined experience in integrated connectors, high-temp thermoplastics, printed circuitry, wire harnessing, and electro/mechanical assembly.

• Unit Industries Group, Inc. makes some of the most complex and innovative electronic and mechanical products in the world. Recognized as a progressive manufacturer, Unit Industries Group provides end-to-end design, manufacturing and logistics solutions, delivering superior quality and support to Original Equipment Manufacturers (OEMs) primarily in the communications, medical, defense and aerospace, industrial and semiconductor, multimedia, automotive, commercial and clean technology sectors.

How We Do It

• We apply science, proven technology, and relentless determination to solve the impossible

• Total quality is built into each step of the design and manufacture of the products through the use of structured procedures, Operational Excellence, and employee participation.

• Unit Industries Group’s foundation of continuous improvement, implementation, measuring the impact, and sharing the knowledge.
INDUSTRIES WE SERVE

Our suite of services caters to manufacturers in highly regulated industries with specialized needs

**Defense and Aerospace**
Supported highly-reliable products for military and commercial aviation as well as industrial and water management systems

**Automotive**
Meeting stringent requirements including quality procedures based on six sigma and lean manufacturing

**Industrial**
Providing cost effective solutions in contact systems with slip ring applications using precious metal combinations
Our suite of services caters to manufacturers in highly regulated industries with specialized needs.

**Medical**
Specializing in drug delivery, orthopedic, and powered devices

**Dental**
Manufacturing complex geometry for bonding agent applications

**Commercial**
Creating collaborative partnership in a demanding ultra competitive marketplace
Industry leader in providing comprehensive manufacturing solutions

Unit Industries Group has over 120,000 square feet of manufacturing facilities. Invested over $5M in new manufacturing equipment

Equipped with over 120 state-of-the-art injection molding machines ranging from 20 to 750 tons. 70% All-Electric

Customer-oriented reputation by keeping focus on providing the best value through quality products and services

Integrated companies utilizing EnterpriseIQ paperless virtual ERP system
COMMITMENT TO QUALITY

Quality System
That supports its philosophy and mission to always provide the highest obtainable quality throughout the production cycle.

Advanced Quality Planning
Establishing a mold qualification process using Scientific Molding practices applying a process control plan to achieve 1.33 CpK.

Inspection
Utilizes state-of-the-art coordinate measuring machines (CMM) and programmable video measurement system.

Online SPC
Machine real-time statistical process control (SPC) to improve product quality and reduce process variation.
QUALITY ACCREDITATIONS

UNIT INDUSTRIES, INC.
- ITAR Control
- IPC 610
- MIL-STD-1130-B
- MIL-STD-1686A
- MIL-STD-45662

SOUTHERN CALIFORNIA PLASTICS, INC.
- MIL-STD-1130-B
- MIL-STD-1686A
- MIL-STD-45662

SUPERIOR MOLDS COMPANY, INC.

SANDBERG INDUSTRIES INTERNATIONAL, INC.
- ITAR Control
- IPC 610
- MIL-I-45208A
- MIL-STD-1130-B
- MIL-STD-1686A
- MIL-STD-45662

UNIT INDUSTRIES GROUP, INC. dba EMS
- ANSI/IPC 610
- J-STD-001
- WHMA-A-620
- FAA Register
- UL-Listed
- MIL-STD-2000
At Unit Industries Group, Inc., our culture is built upon our core values of customer focus, relationships and teamwork, integrity, open communication and excellence. We search for innovative, high performing individuals who embody these values, enabling project success and setting the bar for customer service.

These commitments drive Unit Industries Group to provide:

- A positive work environment that encourages professional development and growth
- Industry safety standards to all our facilities, creating a secure and hazardous-free work environment for our employees
- Continuous improvement in the social and environmental impact of our business practices and those of our suppliers
- The highest standards of governance and ethics according to our business code of conduct
- Support in our communities
Over 40 Years In Business

- **Research & Design Engineering**
- **Rapid Tooling & 3D Prototyping**
  - Our design engineers routinely make recommendations based on their experience to minimize tooling costs, decrease molding time and expense, and improve product performance.
- **Jig & Fixture Development**
  - Using the latest technology in Solidworks, CAD/CAM software will assure your product design is exactly what you need before proceeding into development.
• **Mold Design**
  - Solidworks
  - Mold-Flow Analysis

• **Rapid Tooling**
  - 3D Printing
  - CNC Rapid Precision Machining
  - P20 Soft-steel

• **Mold Fabrication**
  - *SoCal-built Class A molds have a lifetime warranty providing zero maintenance cost to its customers*
  - In-house capabilities
  - Off-shore tooling option
- Thermoplastic Injection Molding
- Thermoset Injection Molding
- Liquid Injection Molding
- Transfer Molding
- Insert Molding
- Over Molding
Technology-Driven Molding Operation

- Latest ALL-ELECTRIC and HYBRID injection molding technology capable of producing parts conveniently with an extremely high level of precision.
- Ranging from 40 tons to 750 tons
- Closed-loop microprocessor controls
- Ceramic heater bands to process high-temp engineering-grade resins
- Online SPC monitoring process variation
Superior Mold Company, Inc.

Over 35 Years in Business

- **ISO Class 8 Class 100,000 Cleanroom**
- **28 Injection Molding ranging from 20 ton to 180 ton**
- **Micro-molding**
- **Insert Molding**
- **Over Molding**

Providing an environment that reduces the concentration of airborne particles, contaminants and pollutants to low levels within strict limits.

Applications include the manufacturing of medical devices, electronics components, and commercial applications.
Over 45 Years in Business

- **Precision Contacts**
- **Terminal Boards**
- **Tight Tolerance Manufacturing**
- **Micro-molding**
- **Thermoset Molding**
  - Specializing in high precision switches, slip rings, precious metal connectors, and rotational contacts, using precious metals such as Gold, Platinum, Palladium and Neyoro G.
  - Over 30 years of extensive experience with high engineering grade materials such as PEEK, VECTRA, ULTEM, TPX, FORTRON, EPIALL and Diallyl Phthalate (DAP)
Over 35 Years in Business

- **PCB Assembly**
  - Surface Mount, including BGA and Fine-Pitch
  - Surface Mount combined with Through-hole
- **Conformal Coating and Encapsulation**
- **Electromechanical Assembly**
- **Cable Assembly**
- **Wire Harnesses**
- **Wave Solder**
- **Chassis Assembly / Box Builds**
- **Cut and Strip Wires**
- **Hand Soldering**
- **Wire Terminating**
- **Test Fixtures**
- **Legacy Hardware Upgrading**
Over 38 Years in Business

- Electro-Mechanical Assembly
- SMT/PTH Technology
- Wire & Harness Wrap
  - Wholly owned maquiladora in Tijuana, Mexico, providing skilled low cost labor option handling complex projects in assemblies, harness, and electrical test with SMT and PTH technologies.
  - Highly trained personnel skilled in dealing with the requirements of the U.S. and Mexican Customs, NAFTA, GATT, ABI, Licensing for Export of ITAR controlled products, and FDA
SANDBERG INDUSTRIES INTERNATIONAL, INC.

- Regenerative Blowers
- Brushless DC Fans
- PCB Assembly
- Wire Wrap
- Cable Assembly
- E/M Assembly
Decades of experience in manufacturing mission-critical aircraft systems for military and commercial aviation, Unit Industries Group delivers flight-proven and battle-tested aircraft communications systems, temperature acquisition technology and advanced aircraft processors.

**CASE STUDY:** Boeing → Honeywell → Advanced Integrated Manufacturing (Singapore) partnered with Unit Industries Group for more than 20 years creating a global end-to-end supply chain solution for a Temperature Recorder Interface ref: 702-0322-002 & 702-0324-002 & 702-0329-002 fitted to Boeing 737 aircrafts.
ITAR COMPLIANT SUPPLY CHAIN SOLUTION

INTEGRATED MANUFACTURING SERVICES

PRINTED CIRCUIT BOARDS

PLASMA MOLDING

BACKPLANES

PRECISION MACHINING

WIRE HARNESS
At Unit Industries Group, we constantly strive to achieve new heights. Our employees work hard to make a difference at work, in their communities and around the globe. We're proud to be recognized for our commitment to our customers, the industry and the community.

*Certified Honeywell Supplier 2014 – EMS Sandberg*
*Honeywell*

*Outstanding Supplier 2014 – Southern California Plastics*
*Data Media Source*

*100% OTTR and 0 PPM Q3 2014 – Southern California Plastics*
*Honeywell*

*Outstanding Supplier 2013 – Southern California Plastics*
*Data Media Source*

*Counterfeit Parts Mitigation Program 2012 – EMS Sandberg*
*Honeywell*

*Recognition as a Key Contributor in Airborne Laser program 2002 – Southern California Plastics*
*TRW*
LOCATIONS

HEADQUARTERS, SOUTHERN CALIFORNIA PLASTICS, INC. & UNIT INDUSTRIES, INC.
3122 So. Maple St., Santa Ana, CA 92707
(714) 751-7084

SUPERIOR MOLD COMPANY, INC.
1927 Francis St., Ontario, CA 91761
(909) 947-7028

UNIT INDUSTRIES GROUP, INC. dba EMS
1140 E. Valencia Drive, Fullerton, CA 92831
(714) 751-7084

SANDBERG INDUSTRIES INTERNATIONAL, INC.
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Office Hours
Monday - Friday
8:00 AM to 4:00 PM
Pacific Standard Time
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QUALITY POLICY
We will provide superior products and services that always satisfy the customer by continually improving processes. Our ultimate goal is 100% quality, delivery, at a competitive price every time. All team members are responsible for achieving our quality objectives.