

# STARWAY

TECHNOLOGY CO., LTD.

## COMPANY & CAPABILITIES OVERVIEW

DEFENSE SECTOR

AEROSPACE READY

100% MADE IN TAIWAN

# ABOUT STARWAY

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## Technical Mastery is our Core

StarWay Technology provides high-quality wire harness solutions for Industrial, Defense, Aerospace, and Space sectors

We believe technical mastery is our core competitiveness. Our operations are ISO 9001 certified, and we are an active member of the **IPC** (Global Electronics Association).

# ABOUT STARWAY

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Synchronized with international benchmarks.

By participating in  
Taiwan Space Industry Development Association  
(TSIDA)

Taiwan National Defense Industry Development  
Association (TW-DIDA)

We ensure our technical intelligence is always  
synchronized with global standards



The logo for TW-DIDA is presented on a white rectangular background. The text "TW-DIDA" is rendered in a bold, sans-serif font. The letters "T", "W", and "A" are colored red, while the letters "D", "I", and "D" are colored blue. A red horizontal bar is positioned between the "W" and the first "D".

# Why Choose StarWay

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## Secure MIT Supply Chain

100% Made in Taiwan. Ensures zero geopolitical risk and provides maximum data security for sensitive defense and aerospace projects.



## Agile HMLV Expert

Specialized in High-Mix, Low-Volume manufacturing. Perfect for rapid R&D prototyping and small-batch, high-complexity defense orders.



## Global Standard Ready

IPC Class 3 certified quality combined with 100% RoHS 2.0 and REACH compliance, tailored specifically for the rigorous European market.

# International Exhibition Presence

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## International Market Engagement

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Our participation in ILA Berlin 2026 (10/06/2026~14/06/2026) reflects Starway Technology's commitment to global aerospace and defense markets.

During the exhibition, we presented our

IPC-based wire harness capabilities

Taiwan-based supply chain advantages

HMLV customized production model to international visitors and potential partners.

Representatives from major aerospace companies including



Also visited our booth, reviewed our products, and exchanged contacts for future discussions.

# Exhibition Highlights



## Exhibition Highlights



## Exhibition Highlights



# Certifications

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# IPC-J-STD001JS

## IPC J-STD-001JS Space & Military Addendum

1. High-Reliability Soldered Connections  
Supports reliable soldered terminations and interconnections for mission-critical cable and electronic assemblies.
2. Space & Military Application Requirements  
Provides additional controls beyond IPC J-STD-001JS for hardware exposed to vibration, thermal cycling, and harsh operating environments.
3. Class 3 Workmanship & Customer-Specified Controls  
Applied with customer drawings, procurement requirements, and IPC/WHMA-A-620 workmanship criteria for high-reliability wire harness assemblies.



# IPC-A-610

## IPC-A-610 — Acceptability of Electronic Assemblies

### 1. Visual Acceptance Criteria

Defines acceptable, process indicator, and defect conditions for consistent electronic assembly inspection.

### 2. Globally Recognized Quality Standard

Widely used by OEMs and EMS providers to align workmanship expectations and reduce quality disputes.

### 3. Class 3 High-Reliability Applications

Supports inspection criteria for products requiring continued performance, including aerospace, defense, industrial control, and mission-critical electronics.



**Shin Shr Jiang**

having successfully completed the Application Specialist course of study on

**IPC-A-610**

**Acceptability of Electronic Assemblies**

is hereby designated

**Certified IPC Specialist**

Serial No. A610SH-.....

*This certificate is your official notification of meeting all the necessary requirements in the mandatory module and designation of Certified IPC Specialist (CIS) in the industry developed and approved IPC-A-610 Training and Certification Program. You may now use the CIS designation on letterhead, business cards, and all forms of address.*

September 25th, 2025

Date of Completion of Mandatory Module

Chin Lai

IPC-A-610 Certified IPC Trainer

September 2027

Certification Expiration Month/Year of All Modules  
Regardless of Training Completion Date

Global Electronics Association Asia

CIT's Company/Employer

#### Knowledge and Workmanship Modules

Certification dates below indicate successful completion of the required general knowledge module(s) and successful completion of each applicable workmanship skills/inspection module(s).  
Certification has not been accomplished in any module content that indicates not completed.

MODULES	DATE OF COMPLETION
2. General Soldering and High Voltage Soldering	25 September 2025
3. Component and PCB Damage	25 September 2025
4. Terminals and Wires	25 September 2025
5. Through Hole	25 September 2025
6. Surface Mount	25 September 2025
7. Hardware	25 September 2025

# IPC/WHMA-A-620E

## IPC/WHMA-A-620 — Requirements and Acceptance for Cable and Wire Harness Assemblies

### 1. Wire Harness Workmanship Criteria

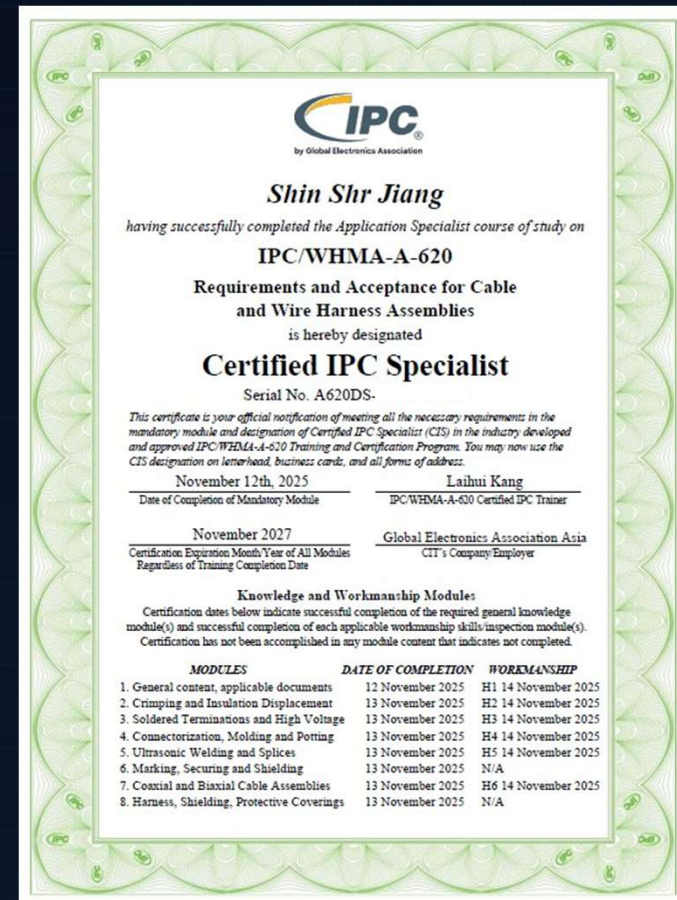
Defines workmanship and acceptance requirements for cable assemblies, wire harnesses, crimped connections, soldered terminations, insulation, marking, and mechanical assembly.

### 2. Standardized Quality & Inspection Expectations

Aligns customer drawings, procurement requirements, production workmanship, and final inspection criteria for consistent cable and wire harness quality.

### 3. Class 3 High-Reliability Applications

Supports inspection and workmanship expectations for products requiring continued performance, including aerospace, defense, industrial control, and mission-critical equipment.



# IPC/WHMA-A-620E-S

## IPC/WHMA-A-620E-S — Space & Military Addendum

- 1. Space & Military-Specific Requirements**  
Provides additional and modified requirements beyond IPC/WHMA-A-620E for cable and wire harness assemblies used in space, aerospace, and military applications.
- 2. Enhanced Material & Process Control**  
Addresses mission-critical concerns such as lead-free tin control, red plague prevention, white plague / fluorine attack risks, soldering, crimping, shielding, marking, and electrical testing requirements.
- 3. Taiwan Early-Certified Capability**  
Starway Technology is among Taiwan's first companies to obtain IPC/WHMA-A-620E-S certification, demonstrating our commitment to high-reliability workmanship for aerospace, defense, and mission-critical cable harness assemblies.



# ISO-9001

## ISO 9001 — Quality Management System

1. Controlled Manufacturing Process  
Provides a structured quality management framework for order review, material control, production, inspection, and delivery.
2. Customer Requirement Alignment  
Helps ensure customer drawings, specifications, and quality requirements are properly reviewed, documented, and controlled.
3. Continual Improvement & Risk Control  
Supports corrective action, process monitoring, risk-based thinking, and continuous improvement for reliable manufacturing operations.



# Manufacturing Capabilities & Equipment

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# Production Line



## Measuring & Testing Equipment (M&TE)

### Motorized Wire Crimp Pull Tester

This motorized pull tester is designed for measuring the crimp pull-off force of wire terminals.

Equipped with a high-precision imported motor from Japan, it ensures stable and low-noise operation.

The adjustable speed and universal fixture design make it suitable for various wire sizes and terminal types, significantly improving the accuracy and efficiency of pull force testing.



### Product Overview: MICROTTEST 8730

The 8730 series is an all-in-one cable tester that provides high-speed verification for wire harnesses, connectors, and flexible printed circuits (FPC). It is primarily used in consumer electronics and automotive industries.



## Measuring & Testing Equipment (M&TE)

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### Vernier Caliper & Outside Micrometer



### Handheld HD Digital Microscope

#### Wire Harness Applications

**Crimp Audit:** Inspects terminal wings for cracks or deformation.

**Solder Check:** Detects cold joints, bridges, or micro-cracks.

**Pin Verification:** Checks alignment, plating, and contamination.

**Insulation Audit:** Identifies minute abrasions on cable jackets.



# Products & Solutions

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# Tactical Helmet Communication Cable Assembly

## Tactical Helmet Communication Cable Assembly

1. Helmet-Mounted Communication Interface  
Supports reliable audio connectivity between helmet headsets, microphones, radios, and mission equipment for tactical communication systems.
2. Ruggedized Cable & Connector Design  
Engineered with durable wiring, secure connector interfaces, reinforced terminations, and strain-relief protection for vibration, movement, and harsh field conditions.
3. IPC/WHMA-A-620 Class 3 Workmanship  
Manufactured to IPC/WHMA-A-620 Class 3 workmanship requirements when specified, supporting high-reliability cable assembly quality for defense and mission-critical applications.
4. This product is also showcased on [ILA Berlin Digital](#).



# Ruggedized Tactical Power Distributor for Armored Vehicles

Ruggedized Tactical Power Distributor for Armored Vehicles

1. Rugged Power Delivery for Armored Vehicles  
Provides stable power distribution for mission-critical vehicle electronics, with IP67 waterproof protection, shock resistance, and a cast aluminum alloy enclosure.
2. Military-Grade Cable & Connector Integration  
Integrates Amphenol M55181/2-01, MIL-C-5015, UL1015 14AWG wiring, MOLEX Mini-Fit connectors, and waterproofed internal connections to support reliable 15A power transmission.
3. IPC/WHMA-A-620 Class 3 Workmanship  
Manufactured when specified, supporting high-reliability defense applications to IPC/WHMA-A-620 Class 3 workmanship requirements and Taiwan-based HMLV manufacturing.
4. This product is also showcased on [ILA Berlin Digital](#).



# Heavy-Duty Industrial Cabinet Cable Assembly

1. High-Power Cabinet Wiring Solution  
Supports stable high-current and 60V-rated power distribution for industrial control cabinets, automation systems, and advanced commercial electronics.
2. Industrial-Grade Cable & Connector Integration  
Combines UL1015 wiring, AMP connectors, and BURNDY heavy-duty connector solutions for reliable internal cabinet connectivity and mechanical stability.
3. Customer-Specified OEM Manufacturing  
Developed according to customer electrical, mechanical, connector, EMC/EMI, and testing requirements, with Taiwan-based HMLV manufacturing support.
4. This product is also showcased on [ILA Berlin Digital](#).



# High-Voltage & EMI-Suppression Custom Cable Assembly for Advanced Commercial Electronics

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## 1. High-Voltage Power Transmission

Supports reliable high-voltage power delivery for advanced commercial electronics and high-power equipment, using flexible SiF-HV silicone wire rated up to 3000V.

## 2. EMI-Suppression Cable Design

Integrates selected ferrite or magnetic core materials to help reduce electromagnetic interference and improve power and signal stability in electrically noisy environments.

## 3. Customer-Specified OEM Manufacturing

Developed according to customer voltage, current, connector, EMI/EMC, mechanical, and testing requirements, with Taiwan-based HMLV manufacturing support.

4. This product is also showcased on [ILA Berlin Digital](#).



# Customers & Supply Chain Partners

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# Customers

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# Supply Chain

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**Amphenol**

 ITT **cannon**

**Radiall** 

**Glenair**

 **Nexans**

**HUBER+SUHNER**

**Habia**

**HEW**  
KABEL   
Habia Cable

**axon'**   
cables & connectors

**STARWAY**  
TECHNOLOGY CO., LTD.

Thank You for Learning About Starway Technology  
Your Trusted Partner for Customized Wire Harness Solutions  
We Look Forward to Future Cooperation

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