



***Frederic Zell***

*having successfully completed the Application Specialist course of study on*

**IPC/WHMA-A-620**

**Requirements and Acceptance for Cable  
and Wire Harness Assemblies**

is hereby designated

**Certified IPC Specialist**

Serial No. A620DS-24110880453

*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/WHMA-A-620 Training and Certification Program. You may now use the CIS designation on letterhead, business cards, and all forms of address.*

**November 4th, 2024**

Date of Completion of Mandatory Module

**Sebastian Reis**

IPC/WHMA-A-620 Certified IPC Trainer

**November 2026**

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

**FED e.V.**

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.

<b>MODULES</b>	<b>DATE OF COMPLETION</b>	<b>WORKMANSHIP</b>
1. General content, applicable documents	4 November 2024	H1 Not Completed
2. Crimping and Insulation Displacement	5 November 2024	H2 Not Completed
3. Soldered Terminations and High Voltage	5 November 2024	H3 Not Completed
4. Connectorization, Molding and Potting	5 November 2024	H4 Not Completed
5. Ultrasonic Welding and Splices	6 November 2024	H5 Not Completed
6. Marking, Securing and Shielding	6 November 2024	N/A
7. Coaxial and Biaxial Cable Assemblies	7 November 2024	H6 Not Completed
8. Harness, Shielding, Protective Coverings	7 November 2024	N/A