

TL 9000 Product Categories R3.6 vs. Likely NACE Codes

NOTE: The following list is provided as an aid in selecting NACE codes. It is not an exhaustive list of all possible NACE codes for a given TL 9000 Product Category. The actual NACE code used by the organization should be selected after consultation between the organization and its registrar auditor.

| PRODUCT CATEGORY | NACE Code | IAF/EA # |
|--|---|--------------|
| 1 SWITCHING | | |
| 1.1 Circuit Switch 1.2 Packet Switch 1.2.1 Public Packet Switch Network 1.2.2 Access Multi-Service 1.2.4 Frame Relay Switch 1.2.5 Broadband Multi-service 1.2.6 Packet Gateway 1.2.8 Service and Network Controller | DL 32.2 Telephony mfg. and/or K 72.2 Software supply | 19 33 |
| 2 SIGNALING | | |
| 2.1 Service Control Point (SCP) 2.2 Common Channel Signaling (STP) 2.3 Home Location Register (HLR) 2.4 Service Logic (SL) | DL 32.2 Telephony mfg. and/or K 72.2 Software supply | 19 33 |
| 3 TRANSMISSION | | |
| 3.1 Outside Plant | | |
| 3.1.1 Transmission Medium 3.1.1.1 Metallic Products 3.1.1.1.1 Metallic Conductor Cable 3.1.1.1.2 Metallic Conductors | DL 31.3 Wire & cable mfg. | 19 |
| 3.1.1.2 Optical Fiber Products 3.1.1.2.1 Optical Fiber 3.1.1.2.2 Optical Connectors | DL 33.4 Optical instruments and photographic equipment mfg. | 19 |
| 3.1.1.3 Transmission Components 3.1.1.3.1 Active Sub-systems 3.1.1.3.2 Passive Optical Sub-systems | DL 32.2 Telephony mfg. DL 33.4 Optical instruments and photographic equipment mfg. | 19 19 |
| 3.1.1.3.3 Ancillary Sub-systems | DL 32.2 Telephony mfg. | 19 |
| 3.1.2 Physical Structures 3.1.2.1 Enclosures 3.1.2.2 Support Structures 3.1.2.3 Conduits | DJ 28.1 Structural metal product mfg. | 17 |
| 3.2 Transport Equipment 3.2.1.1 Manual Cross Connect Systems 3.2.1.2 Digital Cross Connect Systems 3.2.1.3 Optical Cross Connect Systems 3.2.2 Carrier Systems / Multiplex 3.2.2.1 Interoffice / Long Haul 3.2.2.1.1 Metallic Carrier System 3.2.2.1.2 Optical Carrier System 3.2.2.1.2.1 SONET / SDH Transport System 3.2.2.1.2.2 WDM / DWDM / Optical Amplification Products 3.2.2.1.2.3 Microwave 3.2.2.2 Loop Carrier 3.2.3 Line Terminating Equipment / Distributing Frames 3.2.4 Digital Subscriber Line (DSL) 3.2.5 Fiber to the User 3.2.6 Cable Transmission 3.2.6.1 Cable Modem Termination Equipment 3.2.6.2 Cable Transmission Equipment | DL 32.2 Telephony mfg. and/or K 72.2 Software supply | 19 33 |

| PRODUCT CATEGORY | NACE Code | IAF/EA # |
|---|---|--------------|
| 3.3 Wireless Transmission 3.3.1 Base Station Equipment 3.3.2 Base Transceiver System (BTS) 3.3.3 Pilot Beacon Unit (PBU) | | |
| 4 OPERATIONS & MAINTENANCE | | |
| 4.1 Test Systems 4.1.1 Test Access Equipment 4.1.2 Test Equipment Embedded | DL 33.2 Mfg. Of Instruments and appliances for measuring, checking, testing, etc. | 19 |
| 4.1.3 Test Support Software | K 72.2 Software supply | 33 |
| 4.2 Operational Support Systems 4.2.1 On Line Critical 4.2.2 On Line Non-Critical 4.2.3 Off Line 4.3 Ancillary Operations and Maintenance | DL 32.2 Telephony mfg. and/or K 72.2 Software supply | 19 33 |
| 5 COMMON SYSTEMS | | |
| 5.1 Synchronization | DL 32.2 Mfg. Of television and radio receivers, sound or video recording or reproducing apparatus and/or K 72.2 Software supply | 19 33 |
| 5.2 General Purpose Computers | DL 31.0 Mfg. Of computers | 19 |
| 5.3 Power Systems | DL 31.2 Mfg. Of electricity distribution and control apparatus and/or DL 31.4 Mfg. Of accumulators, primary cells and primary batteries | 19 |
| 6 CUSTOMER PREMISES | | |
| 6.1 Enhanced Services | DL 30.0 Mfg. Of computers and/or K 72.2 Software supply | 19 33 |
| 6.2 Terminal Equipment 6.2.1 Voice Terminals 6.2.1.1 Wireless Telephone Sets 6.2.1.2 Wireless Subscriber User Terminals 6.2.2 Fax Equipment 6.2.3 Data Modems 6.2.4 Digital Data Service Units 6.2.5 Passive Optical Network Termination Units | DL 32.3 Mfg. Of television and radio receivers, sound or video recording or reproducing apparatus | 19 |
| 6.3 Automatic Call Distribution (ACD) Systems | DL 30.0 Mfg. Of computers and/or K 72.2 Software supply | 19 33 |
| 6.4 Private Branch Exchanges (PBX) | DL 32.2 Telephony mfg. and/or K 72.2 Software supply | 19 33 |
| 6.5 Small Communications Systems (Key Telephone Systems) | DL 32.2 Telephony mfg. DL 32.3 Mfg. Of television and radio receivers, sound or video recording or reproducing apparatus | 19 |
| 7 SERVICES | | |
| 7.1 Installation Services | F 45.2 Building of complete construction or parts thereof; civil | 28 |

| PRODUCT CATEGORY | NACE Code | IAF/EA # |
|--|---|----------|
| | engineering | |
| 7.2 Engineering Services 7.2.1 Network Engineering Service | K 74.2 Architectural and engineering activities and related technical consultancy | 34 |
| 7.2.2 Software Development Service 7.2.3 Hardware Development Service 7.3 Maintenance Service | K 74.8 Other business activities | 35 |
| 7.4 Repair Services | Same NACE Code as manufacturer of hardware or systems being repaired | 19 |
| 7.5 Call Center 7.6 Purchasing Services 7.6.1 Procurement Services 7.6.2 Sourcing/Purchasing Services 7.7 Logistical Services 7.9 General Support Services 7.10 e-Business Consulting 7.11 Customer Assistance | K 74.8 Other business activities | 35 |
| 8 Components and Subassemblies | | |
| 8.1 Components | DL 32.1 Mfg. of electronic valves and tubes and other electronic components | 19 |
| 8.2 Electronic Assemblies 8.2.1 a&b Simple 8.2.2 a&b Medium Complexity 8.2.3 a&b High Complexity 8.2.4 a&b Very High Complexity 8.3 a&b Cable Assemblies 8.4 a&b Electromechanical Assemblies | DL 32.2 Telephony mfg. DL 32.3 Mfg. Of television and radio receivers, sound or video recording or reproducing apparatus | 19 |
| 8.5 Optical Fiber and Devices 8.5.1 Optical Fiber 8.5.2 Optical Devices 8.5.2.1 Opto-electronic Devices 8.5.2.2 Passive Optical Devices 8.5.2.3 Optical Subassemblies | DL 33.4 Optical instruments and photographic equipment mfg. | 19 |
| 8.6 Software Components and Tools 8.6.1 Software Components 8.6.2 Software Development Tools | K 72.2 Software supply | 33 |
| 9 End-Customer Products | | |
| 9.1 Voice 9.2 Wireless 9.3 Transport Networks 9.4 Private Networks 9.5 Internet Access 9.6 e-Business & Content Hosting 9.7 Bulk Transport 9.7.1 Infrastructure 9.7.2 Wholesale | I 64.2 Telecommunications | 31 |

Accredited registrars require approval from their accreditation body for the scope category (NACE Code) associated with the product category of the supplier being assessed for TL 9000 conformance; these are summarized as follows:

| NACE Code | TL 9000 Registration Options |
|------------------|-------------------------------------|
| DJ 28.1 | TL 9000-H |
| DL 30.0 | TL 9000-H |
| DL 31.2 | TL 9000-H |
| DL 31.3 | TL 9000-H |
| DL 31.4 | TL 9000-H |
| DL 32.2 | TL 9000-H TL 9000-S |
| DL 32.3 | TL 9000-H TL 9000-S |
| DL 33.2 | TL 9000-H TL 9000-S |
| DL 33.4 | TL 9000-H |
| F 45.2 | TL 9000-V |
| I 64.2 | TL 9000-V |
| K 72.2 | TL 9000-S |
| K 74.2 | TL 9000-V |
| K 74.8 | TL 9000-V |

Note: Does not include consideration of component level product categories.

Note: For any Hardware registration option above, if repair is also offered then the TL 9000-V option could also apply.

Note: Product Categories listed in **Red** will be used for possible Data Aggregation only. Metrics must be submitted per the lower product Category listing.