Communication Systems Commissioning Inspection Checklist

Interactive checklist for communication systems commissioning. Tick, comment, and export as PDF/Excel for thorough inspection.

Project:	
Date:	
Filled by:	

Physical Connection Checks

1	Inspect all cable connections for integrity and proper labeling.
2	Ensure all switches and routers are securely mounted and powered.

Network Configuration Verification

3	Verify IP address settings for all devices in the network.
4	Check subnet masks and gateways for consistency with network design.
5	Confirm VLAN configurations and port assignments are correct.

Performance Testing

6	Conduct speed tests to verify bandwidth meets project specifications.
7	Test latency and jitter to ensure they are within acceptable limits.
8	Perform a load test to evaluate system stability under heavy traffic.

System Security Checks

9	Ensure firewalls are configured and operational.
10	Check that all devices have updated firmware and security patches.
11	Verify that network access controls are in place and functioning.

Documentation and Reporting

12	Document all configuration settings and changes made during commissioning.
13	Compile a commissioning report with findings and recommendations.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Communication systems commissioning is a critical phase in ensuring that all installed communication infrastructures are operational, compliant with standards, and meet the intended performance criteria. This process includes verifying the installation, configuration, and functionality of various communication components, such as routers, switches, and servers. Proper commissioning avoids costly errors, improves system reliability, and ensures optimal performance. This interactive checklist allows inspectors to tick off tasks, add comments, and export the completed report as PDF or Excel, complete with a QR code for authenticity.	1. Prepare all necessary tools and documentation, including network diagrams, configuration files, and testing equipment. 2. Click the "Start Interactive Checklist" button to launch interactive mode. 3. Tick each item online as you complete it, ensuring all tasks are verified. 4. Add comments on individual items or the entire checklist as needed. 5. Click "Share" or "Download" to download your completed checklist as PDF or Excel. 6. Review the final report, apply digital signatures, and distribute to stakeholders.