

# NETWORK ADMINISTRATOR - OPTICAL TECHNICIAN IN HERNDON, VA

## **Job Summary**

The Operations Tech II – Federal ISP is a member of a highly-skilled technical team working on complex network system equipment, and installation and maintenance assignments. With little or no supervision configures, installs, tests, and maintains network fiber optic equipment (OC-3 to OC-192, 1Gig to 100GE and Dense Wavelength Division Multiplexing (DWDM) components).

## **Job Description**

- Use software and hardware tools to identify and diagnose network status and performance in the field
- Tests DWDM and SONET circuits
- Leads a team in turning up circuits across SONET and DWDM platforms
- Document all efforts in a timely manner
- Provide functional guidance
- Under supervision, installs and troubleshoots of DC power systems
- Directs the installation and troubleshooting of timing systems
- Performs and document QCs on installations
- Performs PMIs
- Assists in the development of program deliverables
- Carries a pager for after hour call-outs (as required)

## **Qualifications**

### **Minimum Qualifications:**

- US Citizenship required
- Must maintain eligibility requirements for access to classified information (applicants selected will be subject to a government security re-investigation)

- Associate degree in Engineering, Electronics, Software, or Networks; or a related technical or vocational education or equivalent experience
- Experience with SONET equipment and networks required
- Five or more years' applicable work experience
- Understand network test procedures, use network test equipment, and interpret test results
- Possesses knowledge of troubleshooting SONET and DWDM platforms
- Possesses an understanding of network testing, uses network test equipment and documents efforts in a professional manner

**Preferred Qualifications:**

- Experience with Dense Wavelength Division Multiplexing
- Experience with Cisco MSTP, MSSP and MSPP equipment helpful
- Experience with Cisco switches, routers, and fundamental knowledge of TCP/IP

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