|  |
| --- |
| Reliability and Failure Analysis Engineer |
|  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  |  | | Job ID | 2309 | | Company | Finisar Corporation | | Job Location | Sydney, Australia | | Job Category |  | | Min Education |  |  |  | | --- | |  | |  | | Finisar Australia is a high-tech company that designs and manufactures communication products for optical fibre telecommunication networks. We are the largest supplier of optical communication components and subsystems in the world.   At Finisar we have created a philosophy that thrives on change, new technology, teamwork and partnerships within and beyond the organisation. We set expectations and exceed them...consistently.  We are currently in need of a Reliability and Failure Analysis Engineer to join our Quality and Reliability team.   Key Responsibilities  • Conduct reliability tests which include functional testing, life tests, and experiments as required; • Conduct detail test and experimental data analysis; • Prepare technical reports & presentation; • Maintain test result database and ensure standardization of test data format; • Carry out necessary test setup and general maintenance of test equipment; • Assist in the preparation of reports and presentations; and • Assist with fault identification for reliability and qualification failures.   Education and Necessary Skills  • Bachelor’s Degree is a prerequisite. Either B.Sc (Physics, Photonics) or B.E (Electrical, Communications, Instrumentation, Electronics)  • Technical and engineering skills to carry out product testing for reliability verification and product qualification  • Demonstrated problem solving and analytical skills • Ability to gather experimental data and process it numerically and graphically, using standard software applications such as Microsoft Excel, JMP or other industry wide data analysis software • Good interpersonal skills and ability to communicate and work in a team environment and with external organizations • Solid verbal communication skills: able to convey complex, subtle and logical concepts. • Strong technical writing capability. Able to produce concise and presentable technical reports    Desirable Skills  • Use of complex test and measurement equipment such as optical spectrum analysers, laser systems and optical detectors. • Hands-on experience in the setting up and use of test systems rigs and jigs. • Familiar with assembly techniques used in free space optics and optical fibre-based sub-systems, including splicing and alignment procedures • Experience of test program development and applications; LabVIEW, Matlab, C++, Visual Basic    If this sounds like you and you are looking to work for a leader within the industry with a down-to-earth yet professional environment, then this is the job for you!  We offer a competitive salary. Finisar is a listed US company trading on NASDAQ under the symbol FNSR.  The right to work in Australia is essential  FINISAR IS AN EQUAL OPPORTUNITY EMPLOYER |  |  | | --- | | Company Overview | |  | | Finisar is an Equal Opportunity Employer.  We also hire on a non-discriminatory basis.  Finisar Corporation (NASDAQ: FNSR) is a global technology leader of fiber optic subsystems and components that enable high-speed voice, video and data communications for networking, storage, wireless, and cable TV applications. For 30 years, Finisar has provided critical optics technologies to system manufacturers to meet the increasing demands for network bandwidth and storage. Finisar is headquartered in Sunnyvale, California, USA with R&D, manufacturing sites, and sales offices worldwide. | |