



STAFF ENGINEER/SENIOR ENGINEER/ENGINEER - Firmware Engineering

- Responsibilities:**
- Design, program, analyze, debug and modify real-time embedded hard drive firmware code applications to support new program introduction and enhance factory cost, yield, quality and performance
 - Work with respective functional teams (e.g. servo, channel, PCBA, Mechanical, IC, interface, test, FIT) to bring up new hardware and software with the firmware features
 - Provide analysis and solutions to customer issues
- Requirements:**
- Master/Degree in Computer/Electronics Engineering
 - Extensive experience with C/C++, assembly languages and code development processes with debug emulation and simulation tools
 - Knowledge of embedded system development, ARM and real-time programming
 - Experience in ATA, SATA, SAS and SCSI is a plus
 - Sound knowledge of uP base electronics, system designs, analysis and applications

STAFF ENGINEER/SENIOR ENGINEER/ENGINEER - Engineering Failure Analysis

- Responsibilities:**
- Manage failure analysis activities such as final quality test, reliability test and customer field return
 - Supervise and manage a FA organization to analyse drive functional fallout from FQA/Reliability
 - Continuously support outgoing drive quality objectives
 - Support Engineering and QA evaluations whenever necessary in terms of FA
- Requirements:**
- Degree in Electrical & Electronics Engineering or its equivalent
 - 1-2 years experience in the HDD industry is an added advantage

SENIOR ENGINEER/ENGINEER - FIT Engineering

- Responsibilities:**
- Learn and understand a variety of complex technical specifications and apply that knowledge to using and enhancing our test suite and test processes
 - Interface with the program teams to communicate schedules, assess readiness and assist in making risk assessments
 - Debug test failures with advanced drive features using sophisticated programs similar to C test programs, OEM tests and a variety of other test programs under various Operating Systems
- Requirements:**
- Degree in Electrical/Electronics/Computer Engineering or Computer Science, preferably with 1 year relevant experience
 - Able to read and comprehend complex technical specifications
 - Good C/C++ programming knowledge and familiar with PC hardware, software and operating systems
 - Strong debugging and troubleshooting abilities

STAFF ENGINEER/SENIOR ENGINEER

- Supplier Quality Engineering

- Responsibilities:**
- SQE for assigned Commodity and/or Functional team (Electrical, Mechanical, HSA Components, Media, etc)
 - Assure all parts shipped from supplier meet all documented WD specifications and fully comply with approved PMP at supplier's site
 - Drive for continuous improvement in material/component Yield and Quality performance and ensure lowest cost of ownership at the supply base
 - Initiate SCAR, MSSO, SPCN and execute upon approval
 - Drive CIP at suppliers pertaining to Yield and Quality, Product Environment compliance and Contamination control
 - Assign new trace-ability code for new Supplier/Manufacturing site
 - Weekly review of suppliers' SQM, SCC and CPCP data
 - Present SQR and summary of accomplishment and opportunities at supplier QBR
- Requirements:**
- Degree in Applied Science (Physics/Chemistry), Chemical/Materials/Mechanical/Electrical/Electronic Engineering
 - Minimum 3 years experience in a hard disk drive environment with exposure in product/process/quality/supplier management roles
 - Experience in ISO9001, ISO14001 and/or OHSAS18001, EICC, Product Environmental Compliance/RoHS, SPC/Six Sigma and FMEA

STAFF ENGINEER/SENIOR ENGINEER/ENGINEER - Asia Engineering HSA & Media

- Responsibilities:**
- Responsible for technological transfer of Headstack and Media from US R&D facility and assist in the development of new products
 - Perform system to component level in depth Failure Analysis on reject parts and recommend technical solutions
 - Provide technical direction and support in resolving yield and reliability issues related to Headstack/Media
 - Liaise with suppliers on failure analysis activities, review reports and develop new test to address relevant sources of failures
- Requirements:**
- Master/Degree in Electrical/Electronics Engineering
 - Minimum 4 years experience in product engineering management in a high-tech manufacturing environment
 - Technical, technically inclined and enjoy technical project management job functions

STAFF ENGINEER/SENIOR ENGINEER/ ENGINEER (a) & (b)

- Asia Advance Read Channel FA Engineering

- Responsibilities (a):**
- Technical solution provider for issues and problems related to Read Channel and Hard Disk Drive
 - Responsible for Read Channel optimization to improve product reliability, quality and utilisation
 - Co-develop new product and channel feature with US counterpart
- Responsibilities (b):**
- Firmware coding to improve channel optimization
- Requirements:**
- Degree in Electrical/Electronics Engineering with CGPA of 3.2 and above
 - Minimum 2 years experience in a high-volume manufacturing environment
 - Strong knowledge of C/C++ programming language

SENIOR ENGINEER/ENGINEER - Asia Engineering Product

- Responsibilities:**
- Involve in yield improvement activities to improve test yield
 - Perform failure analysis to determine failure mechanism and pursue appropriate corrective actions
 - Verify and implement production test and debug software
 - Develop and maintain debug software
 - Involve in new product transfer and provide engineering support leading to solutions, during F, D, V, LVM and HVM build phases, which includes travel from selected product transfer participants
 - Recommend test methodology and test process
 - Disposition of non-conformance materials
 - Resolve quality and yield issues by performing failure analysis to determine root cause and initiate corrective actions

- Requirements:**
- Degree in Electronics/Electrical/Mechatronics Engineering or Science (Physics)
 - 1-2 years product failure analysis experience in a high-volume manufacturing environment will be an added advantage
 - Able to travel

SENIOR ENGINEER/ENGINEER - Asia QC Manufacturing

- Responsibilities:**
- Coordinate QC engineering and QC manufacturing on implementation of quality plan of both product and system audits
 - Coordinate Continuous Process Improvement team implementation activities based upon QC audit results and outgoing customer dppm
 - Documentation of QC procedures/processes
 - Implement Audit conformance of product
 - Coordinate operator certification scheme
 - Implement Audit conformance of system
 - Execution of Maintenance and Calibration Plan of QC tools

- Requirements:**
- Degree in Engineering/Science with minimum 2 years experience
 - Knowledge of SPC and MSA
 - Experience in problem solving and CLCA
 - Knowledge of mechanical, ESD and contamination will be an added advantage

FA SENIOR ENGINEER/ENGINEER (a)

SOFTWARE/FIRMWARE ENGINEER (b)

- Asia SPW Engineering

- Responsibilities (a):**
- Perform failure analysis to determine failure mechanism and pursue appropriate corrective actions
 - Support sustaining product and new product introduced to factory and improve tester yield, test time, quality and performance
 - Execute experiments and prepare data for analysis
- Responsibilities (b):**
- Design/develop/maintain tester software and/or drive firmware
 - Support and improve production yield/test time/quality/performance
 - Execute experiments and prepare data for analysis

- Requirements:**
- Degree in Electrical & Electronics/Computer Engineering or a related field
 - Knowledge in C/C++ will be an added advantage (for Position (a))
 - Able to program in C/C++ (for Position (b))
 - Sound knowledge of basic electronics, control theories, system designs and applications
 - 1-2 years experience in manufacturing, automation or software development (for Position (b))
 - Able to travel

STAFF ENGINEER/SENIOR ENGINEER/ENGINEER

- Engineering Process - Cleanroom

- Responsibilities:**
- Provide troubleshooting service for daily process issues to institute containment actions and subsequent long term solutions
 - Provide the operation with instructions on manufacturing methods, assembly instructions, reject disposal and all technical guidance
 - Maintain and update a working knowledge of process flows, fixture piece part configurations and any other assigned technical area
 - Responsible for operations using key indices such as process yields, Cpk's, PPM's and to react to any abnormalities displayed by those indices
 - Participate in product and technology transfer between work sites
- Requirements:**
- Degree in Electrical & Electronics/Mechanical Engineering, Physics/Chemistry or Science
 - Exposure to SPC, TPM, CPI and MTM will be an added advantage
 - Knowledge of programming languages is an added advantage

STAFF ENGINEER/SENIOR ENGINEER/ENGINEER

- Head Gimble Assembly (HGA)

- Responsibilities:**
- Lead and manage a group of engineers and technicians to support manufacturing of HGA on 24X7 basis
 - Plan the resources, budget control and spare part management to meet department goals
 - Maintain HGA tooling equipment and meet KPIs target for yield, cycle time, downtime, UPH and cost
 - Lead a team of technicians and engineers to work on continuous tool and process improvement to optimize the tool performance
 - Participate in product and technology transfer between work sites
- Requirements:**
- Master/Degree in Electrical & Electronics/Mechanical Engineering
 - Knowledge of Six Sigma/SPI process using Minitab tool will be an added advantage
 - Experience in head gimble assembly will be an added advantage

SENIOR ENGINEER/ENGINEER - Headstack Process

- Responsibilities:**
- Provide engineering support for all process related issues by maintaining process knowledge, manufacturing troubleshooting and issuance of instructions to production on manufacturing
 - Be the main technical resource for new product transfer, EOL control and any changes made to the method of manufacturing of the factory's product
 - Responsible for the product which is assigned to him in areas of transfer activities, process set-up and subsequent proliferation
 - Responsible for the operations using key indices like process yields, Cpk's, DPPM's and react to any abnormalities displayed by those indices
 - Participate in product and technology transfer between work sites

- Requirements:**
- Master/Degree in Electrical/Electronics Engineering
 - Minimum 1 year experience as a Process Engineer in any related engineering discipline in a high-tech manufacturing environment
 - Analytical, technically inclined and enjoy technical project management

SENIOR ENGINEER/ENGINEER

- Advance System Failure Analysis Engineering

- Responsibilities:**
- Responsible for failure analysis activities which involve complicated system and application issue in the factory or out in the field
 - Provide failure analysis support for specific functions like Head Media qualification and Feature Integration Term (FIT)
 - Assist in new product launching from US in terms of specific failure analysis support
 - Play a key role in implementing new/specific product or system feature to the factory
- Requirements:**
- Degree in Electrical/Electronics Engineering with CGPA of 3.2 and above
 - Minimum 2 years experience in a high-volume manufacturing environment
 - Good knowledge of C/C++ programming language will be an added advantage
 - Analytical and interested in technical projects

SENIOR ENGINEER/ENGINEER (a) & (b)

- Characterization Engineering

- Responsibilities (a):**
- Perform Channel/Servo/Advance Head/Media Characterization to qualify component, product, firmware and process changes
 - Analyze the data, characterize and recommend for improvement
 - Perform failure analysis or channel the failure to responsible groups for analysis where applicable
- Responsibilities (b):**
- Responsible to ensure functional test software to support all new and sustaining drive programs
 - Maintain the hardware and testers of the department
 - Administer and troubleshoot the hardware and software operations of the department
 - Debug test software issues
 - Liaise with vendors for preventive maintenance and new testers design
- Requirements:**
- Degree in Electrical/Electronics/Computer Engineering or Computer Science with CGPA of 2.8 and above
 - Minimum 4 years experience in a high-volume manufacturing environment, preferably in the hard disk drive facility (Read Channel, Tribology or Servo area)
 - Experience in lab based and data analysis works
 - Knowledge of SPC is a plus
 - Experience in C++, Java, SQL and assembly language with knowledge of Oracle database, Novell, Linux, PC hardware/software and operating systems
 - Understanding of ISO9001, ISO14001 and/or OHSAS18001 and EICC is a plus
 - Able to travel

SENIOR ENGINEER/ENGINEER

- Quality Assurance - Reliability

- Responsibilities:**
- Engage/support NPL stream on new product qualification reliability testing, tester planning, test requirements and product readiness
 - Coordinate and perform BEST (Basic Environmental Stress Test) & ORT (Ongoing reliability test) to ensure product meets specifications and ship criteria
 - Coordinate failure analysis and verify corrective actions for reliability failures
 - Support Engineering/SQE in evaluating and qualifying new components, design or process
 - Prepare Reliability Indices Report, Data for Critical Parameters and Identification of Virtual Failures
 - Provide Data and Trend Analysis for driving Product Improvement
 - Involve in Test process improvement e.g. UTV reduction and data automation
- Requirements:**
- Degree in Electrical/Electronics Engineering, Science (Physics), Material Science or Chemistry
 - 1-2 years reliability experience in a semiconductor or hard disk drive manufacturing facility

SENIOR ENGINEER/ENGINEER

- New Product Launch (NPL)

- Responsibilities:**
- Project management in development phase for new process technology capability deployment to future programs/products
 - Formulate deployment plans and roadmap to achieve end goal of the projects
 - Work with inter-functional team or department aligning with the business goal and drive for deployment per committed
 - Plan the resources, budget control management to meet department goals
- Requirements:**
- Degree in Electrical & Electronics/Mechanical Engineering
 - Experience in project management is essential
 - Knowledge of PMI, IT Projects PM and Automation is an added advantage

SENIOR ENGINEER/ENGINEER

- Head Media Integration

- Responsibilities:**
- Manage and coordinate activity spanning from the inception at HSA (Wafer type/binning) to the introduction to the HVM environment
 - Formulate deployment plans and roadmap to meet the business needs for the Head Media Combo HVM release
 - Work with the Head Media Development team and the Factory Execution team to deliver the Head Media combo from the qualification stage through the HVM release
- Requirements:**
- Degree in Electrical & Electronics/Mechanical Engineering
 - Excellent analytical and project management skills
 - Experience in hard disk drives head media technology is an advantage
 - Knowledge of PMI, IT Projects PM and Automation is an added advantage

For all other positions:-

- E-mail your resume to Jesper.Ng@wdc.com or Maggie.chong@wdc.com or Norman_Kumar@kellyengineering.com.my
- Write-in to Kelly Engineering Resources, 17th Floor, MCB Plaza, Changkat Raja Chulan, 50200 Kuala Lumpur by 20 March 2010.

www.kellyengineering.com.my

WALK-IN INTERVIEW

(For Engineer positions with more than 1 year experience only)

DATE : **Saturday, 13 March 2010**
 TIME : **1.00 pm - 5.00 pm**
 VENUE : **Hilton Hotel, Petaling Jaya, Serunai Room, Level 1**

Please bring along copies of your last 2 months payslip, degree certificates and an updated resume.