ASM (한국에이에스엠지니텍) 엔지니어 채용

네덜란드에 본사를 둔 세계 선두의 반도체 제조 증착 장비 제품을 개발/생산/판매하는
한국에이에스엠지니텍㈜ (www.asm.com)에서 다음과 같이 신입 엔지니어 채용을 진행하오니
여러분들의 많은 관심과 지원 부탁 드립니다.

1. 모집부문 및 자격조건

부서	모집부문	직무소개 & 자격요건	근무지
R&D	Mechanical Engineer	하기 참조	천안
R&D	Electrical Engineer	하기 참조	천안
R&D	Process Engineer	하기 참조	천안
R&D	Software Engineer	하기 참조	천안

Mechanical Engineer

[Job Description]
- Apply engineering principles, product specifications and research data to create designs for systems and products for semiconductor industry.
- Perform engineering calculations, including engineering analysis and finite element analysis, for thermal, mechanical, heat transfer and fluid dynamics problems.
- Perform the modeling, design and drawing using Pro/ENGINEER and AutoCAD.
- Determine feasibility of product proposals, resolve problems based on technical inputs and develop new designs based on the same, maintaining product design safety criteria.
- Prepare product/system designs and related engineering documentation for the manufacturing and testing of prototype and production released products.
- Project management duties include report generation, schedule management and design reviews.
- Create, manage and execute engineering project plans, including task scheduling with Gantt charts and resource and cost estimates, using MS Project.
- Support projects in conjunction with technical staff, managers and manufacturing groups. Support development and testing of hardware to verify performance.
- Evaluate change requests and complete all aspects of engineering change orders.

[Requirements]
- Ability to design, develop and integrate system level mechanical features and functions, including configuration control aspects.
- Able to direct/work with a diverse group of people to achieve requirements and specifications on complex projects.
- Knowledgeable in the requirements for CE, SEMI S2, S8, F14 and other relevant standards as applicable to semiconductor manufacturing equipment.
- Ability to create, check, review and analyze mechanical designs, test procedures and equipment specifications.
- Effective communications skills.
- Understanding of materials: metals, plastics, quartzware graphite heat transfer, surface coatings and surface finishes.
- Computer background in Microsoft applications, AutoCAD and Pro/ENGINEER.
- Proficiency in ANSI Y14.5 (ISO, KS) including geometric tolerancing

[Education]
- BS or MS degree in mechanical engineering or related degree(s) preferred.

Electrical Engineer

[Job Description]
- Electrical design of Semiconductor wafer processing equipment.
  - Drawing of electrical schematic drawing by AutoCAD.
  - Create BOM of electrical component.
  - Design the PCB.
  - Define the system IO structure.
  - Design the electrical rack system and component layout of the frame.
  - Calculate the engineering data such as power conception.
- Safety and Failure analysis and design the safety interlock system.
- Provide Customer Service departments with engineering support in resolving field problems.
- Evaluate engineering change requests and implement changes.
- Provide technical support for capital orders, expense projects, retrofits and development projects.
- Apply product specifications and research data to create designs for systems and products for the semiconductor industry maintaining code compliance and product design safety criteria.
- Direct and coordinate manufacturing, construction, installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications, codes, and customer requirements.

[Requirements]
- Should have a broad based background in analysis, design and debug of complex electrical and electronic systems.
- Well versed with the requirements of CE, NEC , IEC, NFPA, VDE , SEMI S2-95 and other relevant standards as applicable to semiconductor manufacturing equipment.
- Experience in the Microsoft office; Manufacturing Requirements Planning (MRP); AutoCad; OrCad
- Experience in the design of AC/DC power distribution, logic circuits, equipment controls, sensors interface, motion control, pneumatics control and systems integration.
- Experience in the SEMI S2, S8, S22 guidelines, IEC, VDE, CE, NFPA 79, NFPA 70, and UL508A

[Education]
- BS or MS degree in Electrical Engineering

Process Engineer

[Job Description]
- Survey and review the MRS.
- Develop the thin film process base on the MRS.
- Develops innovative solutions and new approaches to technical problems to determine the sequence of processes
- Interact with engineering and marketing to reduce gaps between current and MRS.
- Test process stability of new products and conformance to MRS.
- Test and validate the changes of hardware and software.
- Align customer needs and internal development.
- Perform wafer demo for customer applications.
- Make feedback to development.
- Maintain and operate the demo equipment with best condition.
- Process development on customer site in case of JD project.
- Submit and present papers to international journal related with semiconductor subject.

[Requirements]
- Good documentation and writing abilities
- Understanding of software or system technical testing.
- Ability to read, learn electrical and mechanical schematics
- Ability to use software, learn its operation and identify errors in operation
- Excellent oral and written communications skills.
- Excellent thin film analysis knowledge

- Sound business and organizational skills.
- Ability to quickly understand the "big picture design" and how one change can affect the system.
- A multi-tasking, ambitious team player approach is essential
- ALD or CVD experience in semiconductor chip maker

[Education]
- MS or Ph.D. degree in electronics engineering or related degree(s) preferred.

Software Engineer

[Job Description]
- Semiconductor Equipment Control Software Development
  - Scheduler Software
  - Process Module Control Software
  - Transfer Module Control Software
  - Factory Automation - HSMS Protocol
  - EDA(Equipment Data Acquisition) Software.
  - RS232 or RS485 Serial Communication
  - Device Net Communication
  - Robot Control Software.

[Requirements]
- Positive people who have a passion for things.
- Harmonious interpersonal relationship.
- Ability of C# and C++ development tool.
- Experience in Semiconductor Equipment Control Software Development.
- Experience in Factory Automation(SEMI E5, E30, E40, E84, E87, E90, E94).
- Experienced in MS Office such as Excel, Word, PowerPoint and Outlook.
- Experience in semiconductor production line, FAB(Fabrication).

[Education]
- Computer engineering, telecommunication engineering, or IT(Information Technology) related major.

2. 모집기간 : 2015년 4월 24일 (금) ~ 2015년 5월 15일 (금)

3. 모집대상 : 전기/전자/반도체/기계/컴퓨터 공학 전공 학,석,박사 졸업자예정자 및 기 졸업자
　　　　　　 영어커뮤니케이션 가능자

4. 지원방법
　- ①이력서(필수), ② 학교성적증명서(필수), ③자기소개서(선택)를 email로 제출
　　 지원 서류는 반드시 파일 1개로 만들어 제출 요망
　- 인사담당자 연락처
　　. 김재은 과장 (070-7596-7723)
　　. email : jaeeun.kim@asm.com
　- email 제목은 반드시 "R&D학사/석사/박사-모집부문-성명" 으로 작성
　　 예 : R&D석사-Mechanical Engineer-홍길동

5. 전형절차 : 서류전형 → 1차 면접전형 → 2차 면접전형
　　최종 합격여부는 모든 전형절차의 결과를 종합하여 결정됩니다

6. 근무지 : 충남 천안시 서북구 직산읍 직산로 136 충남 테크노파크

7. 홈페이지 : http://www.asm.com