

Alembic, LLC
 Job Description
FRM-0017.A

Job Title:	Sr. R&D Engineer
Dept. Head/ Reporting Manager:	

Responsibilities:	
<ul style="list-style-type: none"> • Evaluates medical device systems and products by designing and conducting research programs; applying principles of mechanics, thermodynamics, hydraulics, heat transfer, and materials. • Confirms system and product capabilities by designing feasibility and testing methods; testing properties. • Develops mechanical and electromechanical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials; soliciting observations from operators. • Develops manufacturing processes by designing and modifying equipment for fabricating, building, assembling, and installing components. • Assures system and product quality by designing testing methods; testing finished- product and system capabilities; confirming fabrication, assembly, and installation processes. Activities performed to meet design control requirements. • Comply with policies, guidelines, training and regulatory requirements per Quality System, Design Control and government (e.g. FDA, CE, etc.) regulations. • Responsible for R&D deliverables according to different phases of design control procedures (e.g. prototype development and evaluations, development of product design specifications, design verification and validation, animal testing, evaluation of technical aspects of clinical trials, design risk management, etc.). • Senior level R&D engineers will be responsible leading more complex project development projects and will be responsible for project management duties. • Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special services. • Maintains system and product data base by writing computer programs and entering data. • Completes projects by training and guiding technicians. • Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies. • Contributes to team effort by accomplishing related results as needed. 	
Skills/Requirements:	
<p>Minimum Requirement - Education & Experience: :</p> <ul style="list-style-type: none"> • Engineering degree. • 3 to 5 years experience in medical device industry. • Job level depends on years of experience. Senior level engineering should have project management experience and be able to lead product development projects according to design control procedures. 	

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Skills/Qualifications:

Requirements Analysis, Design Skills, Presenting Technical Information, Equipment Maintenance, Conceptual Skills, Quality Focus, General Consulting Skills, Control Engineering, Development Planning, Technical Zeal, Job Knowledge. For senior level: Project management, Organizational Skills, Communication Skills, People Skills.

Signature of Reporting Manager:

Signature of Employee upon Hire:

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DOCUMENT CHANGE HISTORY				
Rev	DCO No.	Release Date	Description of Change	Originator
A	DCO-14-0035	11 APR 2014	Initial release.	L. Yen