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# CHEMISTRY & DRUG DESIGNING

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## *Boyd L Summers*

*BL Summers Consulting LLC, USA*

### **Ensure quality assurance for companies and institutions**

Outside or inside quality assurance auditors are trained and chartered to partner with companies and/or institutions and in still quality, maintain process and product requirement compliance thru in-house audits and evaluations and to provide oversight. Auditors promote process improvements and are an advocate for a quality culture that supports commitment to technical integrity.

**Vision:** Quality is inclusive for creating a community working together and establishes an inspired future for business management, employees and customers.

**Mission:** Drive the growth of our people and our business through personal and professional development focused on disciplined execution and quality. Processes and Evaluation Audit steps are: (a) Quality Planning (b) Perform Audits & Evaluations (c) Record and Report Audit & Evaluation results to Senior Management and organization, and employees.

**Quality Planning:** At the start of each review period, auditors prepare for audit and evaluation planning by identifying contracts and those processes that will be evaluated during that specific review period. The identified contracts and processes evaluated during the review period require the right criteria derived from company and/or institution documentation (or associated plans and procedures).

**Perform Audits and Evaluations:** Using criteria derived from the documentation plus plans and procedures provides the performance of the audits and evaluations planned for each month. The purpose of the audits and evaluations ensure that activities and/or tasks are completed as planned and are compliant with approved company and/or institution plans and procedures. Performing audits and evaluations include (i) Review of contracts, plans, and procedures to determine and select the appropriate evaluation criteria. (ii) In performing the evaluations, auditors make an assessment as to whether the implemented processes are compliant or noncompliant. (iii) The auditor identifies an issue or opportunity for improvement, as a result of the audit and evaluation. (iv) Auditors are not limited to performing only the process audits and evaluations that have been planned for a given month but can provide improvements outside the audit including discussions and suggestions for companies. (v) Auditors to perform company process audits is to verify, analyzed, communicate, and track technical, financial/costs, schedules, contractual, customer, suppliers and external and internal risks to ensure long-term success. (vi) Interviews with employees and Senior Management to ensure quality assurance is implemented for compliance and promoting a professional environment.

**Record and Report Process Audit and Evaluation Results to Senior Management:** Companies and/or institutions maintain historical records (electronic or paper) such that they accurately reflect the activities and status they represent. Manage configuration and control of audit and evaluation records as required by company requirements are retained records for compliance and use for future improvements. There are other and effective methods for audits and evaluations, but the number one method is to ensure "Quality Assurance is First" and the other methods come in second!

### **Biography**

Boyd L Summers has completed his Bachelor of Science (BS), Business Administration at Weber State University, USA. Areas of emphasis: Information Systems, Production and Operations Management, Quantitative Analysis and Methods, Human Resources, Economics, Business Management, and Statistical Analysis and Computer Science. He is currently working as a Software Technology Consultant for BL Summers Consulting LLC located in Florence Arizona. With 30 years of experience in Software Engineering and a leader of multiple software development teams, he continues to solve complex technical challenges to ensure that system and software engineering problems are addressed, resolved and compliant. Author of the two software technology books titled; "Software Engineering Reviews and Audits" and "Effective Methods for Software and Systems Integration. Provide Software Articles to Software Engineering Journals and magazines. Topics includes System Design, Software Requirements, Software Design, Software Test and Evaluation, Configuration Management, Quality Assurance, Process, and Product Evaluations. Applies Processes in Agile, Lean and Six-Sigma including a Speaker at OMICS conferences and member of the American Society Quality (ASQ)

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