

# AUDIT MAKER

Sistema de implementación de LPA's (Layered Process Audits), desarrollado siguiendo el estándar AIAG CQI-8.



## Principales características

### Porque un LPA?

Se puede crear un sistema LPA que afecte a los indicadores clave de rendimiento (KPI) como la seguridad, la calidad, el costo, la entrega etc. Dado que alcanzar las metas establecidas para estas medidas es del interés de todos en una organización, tiene sentido que todos los niveles o capas de la gerencia participen en el despliegue de LPA y las auditorías en curso.

Las auditorías de procesos por capas (LPA) son herramientas de gestión que se utilizan para verificar que el trabajo se realiza de acuerdo con los estándares establecidos, para enfatizar la importancia de esos estándares e identificar oportunidades para la mejora continua. Los LPA se pueden aplicar para verificar cualquier proceso definido dentro de una organización. Un proceso es la metodología y los controles utilizados para crear un producto o servicio. Algunos aspectos de un proceso son máquinas / equipos, materiales, métodos, mano de obra y medición.

## Funcionalidad

El estándar AIAG CQI-8 establece claramente los requisitos que debe cumplir un software de soporte para LPA.

1. Planificación de gestión de alta dirección
2. Despliegue
3. Realización de la auditoría
4. Revisión de la alta gerencia y mejora continua de LPAs.

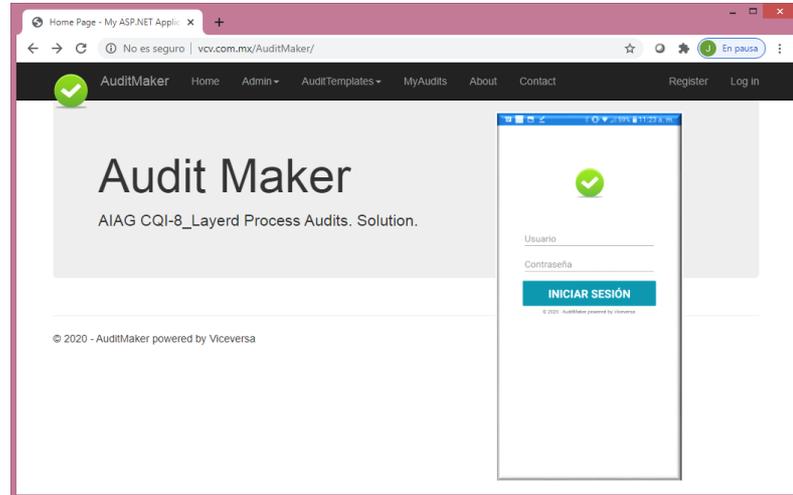
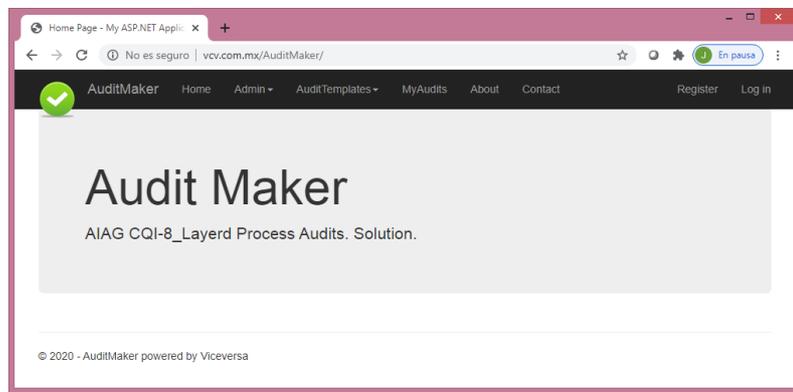
El sistema de información diseñado con este enfoque debe de proporcionar las herramientas que permitan que estos 4 pasos esenciales se logren.

## Auditoría

La auditoría se puede realizar por cada miembro del equipo a quine le fue asignada desde un Smartphone si es necesarios, pudiendo responder a las preguntas diseñadas para la LPA que se conduce, incluyendo las fotografías que como evidencia se pueden presentar.

## Administración y seguimiento

El resultado de una LPA esta en proporción directa a su aplicación, por lo que el sistema tiene herramientas de recordatorio y seguimiento de la aplicación de la LPA a todos y cada uno de los miembros del equipo a quienes se les asignó esta actividad.



Number	Title	Question	Explanation	ReactionPlan	Active	
1	Operator Knowledge	Can the operator demonstrate or explain each step of the posted work instructions?	If the operator cannot demonstrate the steps of the SOP, the chances of deviating from the standard go up.	Make a note of the specific steps the operator could not demonstrate, provide necessary coaching if possible, and ask the operator to redemonstrate the step(s) in question.	True	Edit   Details   Delete
2	PPE Being Worn	Is the operator wearing personal protective equipment (PPE) according to posted requirements?	Not wearing safety equipment increases the risk of employee injury. People who don't adhere to safety protocols are also less likely to follow work instructions.	Ask the operator why PPE was not worn, note the type of PPE, and ensure the operator is wearing the correct PPE prior to submitting the audit.	False	Edit   Details   Delete
3	Operator Following Work Instructions	Is the operator following each step in the order outlined in work instructions?	Not following the order of steps in work instructions increases the risk of defects.	Ask the line manager why the operator did not have the correct tools available and make note of each tool not available along with why it was not available.	True	Edit   Details   Delete
4	All Tools Available	Does the operator have all necessary materials available at the workstation?	Having to retrieve materials increases the risk of missing a step.	Ask the line manager why the operator did not have the correct tools available and make note of each tool not available along with why it was not available.	True	Edit   Details   Delete
5	Tagging Scrap	Are scrap or defective parts tagged and placed in a separate area?	Not separating defective parts means they could mix with finished parts and end up shipped to the customer	1) Quarantine the scrap area. 2) Notify the quality engineer immediately and thoroughly photograph the area.	True	Edit   Details   Delete
6	Operator Understands Big Picture	Can the operator describe how their work impacts the customer?	When operators understand the larger impact of their work, they are more likely to follow the standard.	Set aside 5-10 minutes to be sure the operator feels valued by the company and is an important part of the team.	True	Edit   Details   Delete
7	Poka Yoke/Error-Proofing Test	Does the error-proofing device identify defective parts introduced as a test?	If error-proofing devices aren't working, defective products are more likely to escape detection and get shipped to customers.	Fill out a 5-Why form and submit to staff quality engineer.	True	Edit   Details   Delete
8	Customer Complaint #	Custom question: Identify a question from a recent customer complaint.	This question will allow you to verify that previous mistakes are not repeated, a key driver of customer satisfaction problems.	Fill out a specific reaction plan that a non-subject matter expert can follow.	True	Edit   Details   Delete
9	High Urgency Mandatory Question	Custom question: Identify a question from a high-risk failure mode and effects analysis (PFMEA).	This question allows you to pinpoint process steps with a large impact on finished product quality.	Fill out a specific reaction plan that a non-subject matter expert can follow.	True	Edit   Details   Delete
10	90-Day Window Question	Custom question: Identify a question to verify that a recent corrective action is working as intended.	This question will help ensure that you're sustaining gains made through corrective action, and not slipping back into old ways.	Fill out a specific reaction plan that a non-subject matter expert can follow.	True	Edit   Details   Delete

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## Diferentes tipos de auditoría.

En principio el sistema sigue los lineamientos de auditorías del tipo LPA. Sin embargo, puede utilizarse para conducir cualquier tipo de auditoría dado que el manejo de plantillas, le permite al administrador definir el tipo de auditoría que quiera realizar.

## Contacto:

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