



MACHINE GUARDING DESIGN INCREASES SAFETY AND REDUCES CHANGEOVER/MAINTENANCE TIME

SITUATION:	An owner of a manufacturing company had a maintenance injury.
CRITICAL ISSUE:	They had not had a maintenance injury on this line in 4 years. The customer thought that they had a safe working environment for all their employees. The customer needed to quickly assess the unfortunate injury and make sure that this did not occur in the future.
REASONS:	The client must have a safe working environment.
VISION:	The client needed to take a very unfortunate occurrence and generate as much positive from it as possible. This would allow the client's employee's to again feel confident about their company and better contribute to the well being of all involved. Maintenance procedures and machine guarding needed to be improved.
PROVIDED:	Sterling Engineering Inc. assigned a Project Manager with experience in OSHA guarding and implementing procedures that increased safety and performance in compliance with OSHA guidelines. The PM also focused not only on the specific occurrence, but also on the total manufacturing line environment. He reviewed maintenance and operator needs and incorporated this information into the design of new line guarding. The new guarding will enhance safety and reduce both maintenance and changeover time.
RESULT:	The client was able to show OSHA inspectors at the time of the initial review, that the company immediately went to work to address a safety issue and had put in place the methods to eliminate the safety concern. The client also improved production performance.
SEI PROJECT #:	(129-DOC-013-(V1R1-CASE STUDY Maintenance Injury))