

Machine Risk Assessment Pro


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Machine Safeguarding Experts

Machine Identification				Team Identification			
Company/Project	Name Removed	Name (First, Last)	Signature	Date	Name (First, Last)	Signature	Date
Asset/ID	Forge Press # 1	Ken	<i>Ken Hackworth</i>	01-30-2017			
Machine Name	Forge Press						
Machine Type	Mechanical power press	Jeff Wells	<i>Jeff P. Wells</i>	01-30-2017			
Manufacturer	Sumotomo						
Status/Revision	Preliminary Rev_1						
Video Attached?	No						

Seq	Personnel Task / Steps	Photo's	Potential Hazards	Prior to Safeguarding				Risk Reduction Measures						Verification/ Validation of Measures					
				Existing Safeguards	ANSI/RIA TR R15.306-2016 Scoring System			Control Circuit?	Minimum Functional Performance	Control Reliable?	Actions / Measures	Date Due	Responsible persons	Severity	Exposure	Avoidance	Risk Level		
					Severity	Exposure	Avoidance											Risk Level	
102	Personnel enter the press for routine cleaning of die lube nozzles without LOTO and without exclusive control.		Crushing / Impact	Devices: Hold-To-Run Controls, Fixed Guards, Moveable Guards, Personal Protective Equipment, Documented Training Systems: Not Control Reliable, Category 1 Safety Circuit - Non-compliant, PPE (Personal Protective Equipment) Other: Personnel enter press for routine cleaning without having exclusive control.	S3	E2	A3	Very High	Yes	e	4	Yes	Devices: Hold-To-Run Controls, Fixed Guards, Moveable Guards, Stopping Performance Monitor, Safety Blocks, Locking Pins, Limiting / Blocking Pins, Emergency Stop Devices (Palm / Push Buttons or Rope / Cable Pulls), Awareness (Safety) Signs., Supervision, Safe Work Procedures, Permit-To-Work Systems., Personal Protective Equipment, Documented Training Systems: Control Reliable - Compliant, Administrative Controls, PPE (Personal Protective Equipment) Actions: Formal Risk Assessment Per ANSI B11.0 Required., Add Yellow Background to E-Stop(s)., Make all safety circuits control reliable. This requires dual channel circuits with monitoring/feedback and approved safety components (safety relays, safety interlock switches, etc.), Add Two-hand control and control reliable circuitry in accordance with ANSI B11.19., Add or improve documented personnel training. Recommendations: Audit and update LOTO Procedures	03-28-2017	Jeff Wells	S3	E0	A3	Low