

SISTEMA Analysis Services

Independent Analysis

SISTEMA allows users to perform a reliability analysis of safety instrumented functions (SIF's). This analysis results in a Performance Level (PL) achieved. Verifying your functional safety system's Performance Level (PL) meets the requirements of your risk assessment. As independent consultants, at Machine Safety Specialists (MSS), we apply our specialized knowledge and real-world experience in machine functional safety to your specific application, ensuring your safety system meets those functional requirements.

Verify Performance Levels

Performing a SISTEMA analysis can verify your machine functional safety system's Performance Level (PL) meets the requirements of your risk assessment. Performing this analysis in the design phase of your project can prevent costly design rework of a system already built or installed. However, if you have existing machinery already installed but needing to perform a safety system upgrade / retrofit, perform a SISTEMA analysis prior to construction.

Intended to Comply With

- ✓ ANSI B11.26
- ✓ ISO 13849-1
- ✓ ISO 13849-2

What You Receive



Pass/fail report of functional safety system SIF's (Safety Instrumented Function)



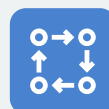
Optional functional safety report that provides a compliance checklist, findings, and recommendations



Optional functional safety validation services provide onsite inspection and testing of your critical safety functions with declaration of conformity



Optional OSHA/ANSI compliant risk assessment



Work with our engineers, who are trained in regulatory and consensus standards:

- ANSI
- ISO
- NFPA
- RIA
- ASME
- OSHA






SAFEGUARDS & SIGNAGE: ESSENTIAL PARTS OF WORKPLACE SAFETY



Machine safeguards, as well as safety signs and labels, play a vital role in machinery risk reduction. MSS is a subsidiary of Clarion Safety Systems, a leader in visual safety communication. Through Clarion Safety, we offer machine safety sign/label reviews – and a full inventory of best practice OSHA/ANSI/ISO-compliant sign and label options. Arrow Industrial Solutions, a division of Clarion Safety, can support your complete, turnkey machine-safeguarding solution needs.

WHY CHOOSE MSS?



-  Since 1977, MSS has been trusted for safety by providing risk engineering expertise and helping our customers manage risk.
-  MSS is an unbiased third party, offering risk mitigation services that create safer work environments and peace of mind.
-  We're experts in the U.S. and international machine safety standards you're looking to meet, including OSHA, ANSI, NFPA, RIA, and ISO/EN. And, our team is made up of TÜV certified safety engineers, each with 20+ years of experience and a focus on providing you with clear, tangible recommendations.

YOUR SISTEMA REPORT RESULTS



**Decision
Support**



**Compliant With
Codes/Standards**



**Alternative
Protective Measures**



**Inspections
Passed**



**Improved
Reliability**

Call us today. We can be there tomorrow!

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