

Conduct a HAZID/Risk Analysis of Sand Master equipment to ensure safe operating procedures are established.

A detailed risk analysis and an additional audit report on the client's 5 Sand Master units were developed.

Challenge

Conduct a HAZID/ Risk Analysis of customer's Sand Master equipment.

Solution

A clear yet comprehensive process that covered all aspects of the HAZID/ Risk Analysis.

Results

Set a benchmark and methodology for future analyses and equipment audits.

Concerned about quantifying potential occupational exposure levels to Respirable Silica (quartz) and Total Particulates Not Otherwise Regulated by OH&S, client looked to United Safety in 2012 to provide laboratory based analytical studies.

KEY CUSTOMER BENEFITS

Clear, comprehensive process that set a benchmark and protocol for future equipment audits

A HAZID/Risk Analysis was completed on the Sand Master equipment and facilitated through a workshop. The analysis started with an onsite review by a Sr. HSE Advisor at an operational field site where a total of 5 assets were audited and surveyed. Once the survey was completed, a HAZID workshop was facilitated with the operators which produced a Bowtie Risk assessment. A presentation to customer's Management regarding the analysis findings and a comprehensive HAZID and Risk assessment were reviewed and delivered. As an additional value added service, an audit report on the client's 5 Sand Master units was developed. The process followed was thorough yet realistic and set the standard for future equipment audits.

The HAZID delivered clear actionable improvement points

One aspect of the process involved a workshop with customer's employees to identify and assess various hazards related to operating the Sand Master unit. This provided very real insights into where the risks lay and helped United Safety develop recommendations that established controls to reduce risks focusing on crushing, pinch points, working at heights, slips, trips and falls. This comprehensive Risk Assessment process could be utilized both internally and externally.

The Risk Assessment ensured all governing standards were met

The Assessment of working assets gave clients the peace of mind knowing that their equipment met all regulatory and governing standards. United Safety also provided ongoing support to customer's commitment to engineering policies and procedures helping customers stay ahead of the competition on the technology front.



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