

AMCHAM HSSE Innovation Award

1.0 Definitions

Innovation (Dictionary)

The *process* of translating an *idea* or *invention* into a good or service that creates *value* or for which customers will pay. To be called an innovation, an idea must be replicable at an *economical cost* and must satisfy a specific *need*. Innovation involves deliberate application of *information*, imagination and *initiative* in deriving greater or different *values* from resources, and includes all processes by which new ideas are generated and converted into useful products. In *business*, innovation often results when ideas are applied by the *company* in *order* to further satisfy the needs and expectations of the customers. ¹

AMCHAM HSSE Innovation Definition – An idea, or invention (tool, process, program etc) that is new, original and demonstrates creative thinking. The innovation must be sound, practical and applied in the workplace with evidence to substantiate it is working. Processes, programmes that are utilized commonly but named differently will not apply to this definition example – behavioral based safety, common tools used to enhance HSSE (inspections etc)

2.0 Criteria for Awards

1. Innovative Health, Safety, and/or Environmental solutions and practices for hazards such as chemicals, noise, work at height, ergonomics etc.
 - a. Applicants must submit effective Risk Control Measures which do not create or lead to new risks that are not well managed.
 - b. Applicants who can show a solution that eliminates the risks and can potentially be translated industry-wide will gain more points that can be presented at an AMCHAM Event (eg conference)
2. Resulted in significant improvement in Health Safety and/or Environment that can be measured through reliable qualitative or quantitative methods
3. The control solution must have been implemented for at least six months. No reportable (serious) solution-related accident/incident in the workplace following implementation of the control solution
4. Control solutions may be in the form of engineering measures, practices or implementation of safety systems that eliminate or effectively control the hazard and/or significantly reduce the risk.
5. The solution should not infringe any copyright and/or patent law.

3.0 Factors for evaluation

Some of the factors that will be taken into consideration during the evaluation process for the control solution category include:

- Innovation- solutions are to be innovative, creative, sound & practical.

¹ <http://www.businessdictionary.com/definition/innovation.html>

- Comprehensive Protection – how comprehensive/collective the solution is in providing protection to those exposed to the hazard and whether the solution has addressed the risks adequately.
- Ease of set-up and use – how quickly and easily the device could be set up for use to provide the protection/solution
- Expandability – whether the solution can be built on/modified so that it could be applied to other situations or adapted to increase the protection where required.
- Life cycle cost – whether the cost of the device/solution encourages usage.
- The applicant’s overall safety performance record.
- Effectiveness of the innovation in supporting the successful implementation of HSE solutions.
- The degree of involvement and participation of the employees (includes contractors) in risk management, and development and implementation of the solution

Bonus Factor:

The control solution implemented has led to significant Productivity and/or employee engagement gains and/or improvement in financial results.

4.0 Scoring

Area	Points (75)	Details
1) Project Selection & Definition	5	Reasons for selecting project and the personalized/customized solution is not bought off-the-shelf
	5	An assessment was well conducted on the process selected for the project and areas for improvement were clearly identified and defined
	5	Employees/stakeholders were included involved in project
2) Analytical Techniques	2	Tools & techniques were effectively used
	5	A systematic approach in identifying & verifying the root causes/issues was adopted (5 pts.)
3) Innovation	5	Recommended solutions were innovative, sound & practical
	2	Alternative solutions were considered & evaluated
	5	Solution demonstrates creativity and uniqueness
4) Implementation	5	Implementation was well executed
5) Results	5	Tangible results including variations were explained
	5	Intangible results were explained
6) Sustainability	5	Steps were taken to ensure that the new process/programme etc were documented/mapped
	5	Review of the project for future improvements was conducted
7) Presentation	5	Presentation of innovation was clear, effective and easily understood
	5	Written material was clear and well documented
8) Bonus	3	Recommended solutions had improved and produced increment in productivity.
	3	Leadership was part of the process