

1-Page Risk and Uncertainty Management Processes and Oversight

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The following steps or processes are intended to help you with your risk and uncertainty management framework and approach. Currently for most activities here is no agreed upon or universally accepted overall approach; but within certain specific topic areas of risk management by statute, regulation, rule or community standard or recommended approach there are requirements or approaches that have been enacted, adopted or recognized. Although it is beyond the scope of this paper to cover specific topic areas, you will need to know them for your specific areas of interest and responsibility. You might find for your situation that some of the below steps are not needed, or you might decide that additional steps, processes or detail are needed. This is a rapidly changing area of law, responsibility and expectations, and your good judgment definitely is important in this process.

1. Identify the people who will be involved in the risk and uncertainty management process, or if necessary reevaluate the people who were previously selected to be involved in the process, and make changes, if any.

2. Identify the focus of the risk and uncertainty management – i.e., the organization, a division, location, project, or product, an activity, a category or risk type, etc.

3. Identify the goals, strategies, objectives, initiatives or missions, etc. for #2.

4. Identify and know the relevant risk and uncertainty management laws, statutes, regulation, rules and guidelines that apply to your industry, organization, people, activities/actions and focus of the risk and uncertainty management.

5. Identify the potential risks and uncertainties for ## 2 and 3.

6. Identify the events, actions and root causes, etc. that could cause the #5 potential risks and uncertainties to occur, including possible multiple or interrelated events, actions and root causes, etc.

7. Identify key indicators, leading indicators, and post indicators, if any, for ##5 and 6 occurring or having already occurred.

8. Evaluate the likelihood of the #5 potential risks and uncertainties occurring. Likelihood could, for example, be evaluated as low, medium, or high – unlikely, reasonably possible, or probable or likely – or by percentages – or evaluated by pre-leading indicators or events, or post-leading indicators or events – or by other means, criteria or measures.

9. Evaluate the speed or velocity that the risks or uncertainties might occur or begin to occur or accelerate after initial occurrence.

10. Identify, describe and evaluate the potential impact and harms, etc., and potential ranges of impact or harms if the #5 potential risks or uncertainties occur. Impacts or harms might be safety/physical, financial/economic, reputation, product or service related, or otherwise.

11. Identify and evaluate the possible steps or processes available to prevent, control or manage the possible occurrence of the #5 potential risks or uncertainties.

12. Identify and evaluate possible steps and processes available to help control, manage, mitigate, and respond to the occurrence of the #5 potential risks or uncertainties.

13. Identify and describe the steps and processes adopted and their applications to address the specific #5 potential risks or uncertainties taking into consideration the additional information that you obtained in ##6-12.

14. Identify the people and departments, etc., who are responsible for the implementation of the steps and processes adopted.

15. Determine the timing for the implementation.

16. Develop and establish processes to detect and determine whether a risk or uncertainty has already occurred or is occurring and conduct an evaluation to identify already existing or occurring risks and uncertainties.

17. Develop and establish respond to, mitigate and recover processes for risk and uncertainty occurrences.

18. Develop and establish reporting and evaluation processes relating to implementation status, timing, successes, issues, and problems as prudent based on the facts and circumstances, make decisions, and take appropriate additional actions.

19. Schedule and implement monitoring, potential monitoring trigger points and timing, and the people and departments responsible.

20. Exercise overall oversight, review, evaluation, and possible reconsideration and modification of the above, make decisions, and take appropriate additional actions.