

MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 17.3)

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| Name of Learning Material: | Safety Hazards in Industrial Environments 3 of 3 |
| SKILLSCOMMONS URL: | https://www.skillscommons.org/handle/taaccct/15034 |
| Learning Material URL: | https://www.skillscommons.org/bitstream/handle/taaccct/15034/Mining_Hazards_3_Discussion_Key.pdf?sequence=3&isAllowed=y Particularly the 3 rd item listed is of interest |
| Reviewer's Name: | Margo Meyer |
| Date Review Completed: | 6/14/18 |
| Review Time Required: | 1 hour |

Description

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| 1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps | Designed to touch upon core themes underlying workplace safety, these whimsical (but also serious) "Mine of Death" illustrations are intended to promote a culture of safety that extends not just to the individual workers, but to their interactions with coworkers, interactions with their environment, and policies and procedures that are necessary to work safely as a team in a challenging environment. The chaotic images are intentionally in contrast to the features of a workplace that are engineered to remove or suppress chaos. Created by University of Alaska Fairbanks. |
| 2. Type of material: Animation, assessment tool, assignment, case study, collection, development tool, drill and practice, e-portfolio, learning object repository, online course, open journal article, open textbook, presentation, reference material, simulation/game, social networking tool, quiz/test, tutorial, workshop and training material. | Illustration/Graphic (Cartoon with lessons) |
| 3. Technical requirements: Browser, software or plug-in, Java, HTML, Flash, etc. You can test how it appears on Internet Explorer at http://ipinfo.info/netrenderer/ Note type of device if it is an app (iPad, Android, phone, etc.) | Was not able to open the PSD file. The remainder of the files opened without issue. |
| 4. Identify major learning goals/ curriculum objectives: Purpose of site, goal for learner/user. | The cartoon-like illustration is intended to be a teaching tool about incorrect workplace safety. The illustration is viewed by the class or individual, and then a facilitated discussion would follow about the "problems" in the illustration. |
| 5. Recommended uses: In-class, homework, individual, team, lecture, etc. | The illustration could be used in-class, as part of a homework assignment and could be equally be used with an individual or as part of a team exercise. |
| 6. Target population: Level, course or subject matter, other user groups | All populations. Would be especially appropriate for younger populations. |

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| 7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills | No pre-requisite knowledge or skills required. |
| 8. Application to industry recognized certification: Name of credential or certification. | Although developed for the Mining industry, the illustration could easily be used for general industry safety culture discussions. |

Evaluation and Observations: After reviewing the learning material, please indicate your agreement with the following statements by placing an “x” in the applicable column where 5=excellent or strongly agree and 1=poor or strongly disagree.

| 1. Quality of Content – The Learning Material... | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree | N/A |
|--|----------------|-------|---------------|----------|-------------------|-----|
| ...is clear and concise | | | | | | |
| ...provides a complete demonstration of the concept | | | | | | |
| ...demonstrates a core concept grounded in the discipline | | | | | | |
| ...is current and relevant | | | | | | |
| ...is supported by appropriate research | | | | | | |
| ...is self-contained (can be used without requiring an assignment or context) | | | | | | |
| ...provides accurate information | | | | | | |
| ...is flexible (can be used in several situations) | | | | | | |
| ...includes an adequate amount of material | | | | | | |
| ...has strong workplace relevance | | | | | | |
| ...integrates the concept well | | | | | | |
| Overall , the quality of the content is very high | | | | | | |
| Enter a numerical value that summarizes your attitudes above. | | | | | | |
| Strengths (Describe the outstanding features of the quality of the learning material) | | | | | | |
| Concerns (Describe any problems in terms of quality) | | | | | | |
| 2. Potential Effectiveness as a Teaching Tool/This Learning Material... | | | | | | |
| ...identifies learning objectives | | | | | | |
| ...identifies prerequisite knowledge | | | | | | |
| ...reinforces concepts progressively | | | | | | |
| ...builds on prior concepts | | | | | | |
| ...demonstrates relationships between concepts | | | | | | |
| ...is easy to integrate into curriculum assignments | | | | | | |
| ...is very efficient (could learn a lot in a short time) | | | | | | |
| ...can be used to measure student learning outcomes | | | | | | |
| Overall , learning material is a very effective teaching tool | | | | | | |
| Enter a numerical value that summarizes your attitudes above. | | | | | | |

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| Strengths (Describe the outstanding features of the quality of the learning material) | | | | | | |
| Concerns (Describe any problems in terms of quality) | | | | | | |
| 3. Ease of Use – This Learning Material... | | | | | | |
| ...is easy to use | | | | | | |
| ...has very clear instructions | | | | | | |
| ...is engaging | | | | | | |
| ...is visually appealing | | | | | | |
| ...is interactive | | | | | | |
| ...is of high design quality | | | | | | |
| ...meets accessibility requirements if able to assess | | | | | | |
| ...if an app, can be used on multiple types of mobile devices and platforms | | | | | | |

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|--|--|--|--|--|--|--|--|
| ...if an app, runs effectively without the internet | | | | | | | |
| Overall , the usability of this learning material is very high | | | | | | | |
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| Please enter the numeric value that summarizes your attitudes above. | | | | | | | |
| Strengths: (Indicate the outstanding features of the usability of the learning material) Concerns: (List problems in terms of usability) | | | | | | | |
| | | | | | | | |
| What is your overall numeric rating for this material? Review your 3 ratings above and determine your overall rating | | | | | | | |
| Optional Information: Other comments to be included in the review: (If an app, respects privacy of user, meets PG rating standards, how frequently app is updated) The overall content of the illustration and its intent to drive a conversation about workplace safety was appealing, and would be a good teaching tool. Comments to author only: (Any needed improvements or recommendations should be addressed here.) | | | | | | | |

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