

## A New EHS Process in Environmental Management

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The Industrial Hygiene & Safety Engineering (IH&SE) team has recently been incorporated into the UP Environmental Management Group. IH&SE has a broad range of education and technical expertise, and we focus on anticipating, evaluating, quantifying and controlling occupational health and safety risks throughout UPRR. The IH&SE risk mitigation process fits well in the core EMG environmental management process, with a focus on environmental, health and safety.

This discussion explains the newfound value of combining the two organizations, provides a brief description of the IH&SE team, and includes several successful risk mitigation strategies including environmental, occupational health, and safety (EHS). Case studies include a description of risk mitigation success projects, such as community noise public relations technical support in the Twin Cities, bridge activity EHS risk mitigation efforts including fall protection, asbestos & lead exposure and environmental risk mitigation controls, a multi-departmental pre-construction success story in El Paso involving a new Ballpark, and a new soil disturbance risk mitigation process to mitigate worker inhalation exposures of inorganics, organics, and mold in dusty activities.