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 Foreman: _____

Date: _____
 G.C. _____

SMOHIT Safety Sense Toolbox Talks for the Sheet Metal Industry	Industrial Hygiene	<ul style="list-style-type: none"> • Industrial hygiene is the science of anticipating, recognizing, evaluating, and controlling workplace conditions that may cause worker injuries or illnesses. Major job risks can include air contaminants, and chemical, biological, physical, and ergonomic hazards. • A work-site analysis determines what jobs and workstations are the sources of potential hazards. The role of an industrial hygienist is to identify and measure exposures, problem tasks, and risks. If a potential hazard is found, the industrial hygienist recommends appropriate corrective actions. • Typical engineering controls related to industrial hygiene issues include eliminating toxic chemicals, replacing toxic materials with less hazardous ones, enclosing work processes or confining work operations, and installing general and local ventilation systems. • Work practice controls change the way a task is performed. Work practice controls include: <ul style="list-style-type: none"> ○ following procedures that minimize exposures while operating equipment; ○ inspecting and maintaining equipment on a regular basis; ○ practicing good housekeeping procedures; ○ providing adequate supervision; and ○ designating eating, drinking, smoking, tobacco or gum chewing, and applying cosmetics to certain “safe-zone” areas. • Administrative controls reduce worker exposure by scheduling tasks so that exposure levels are reduced. For example, the employer might schedule operations with the highest exposure potential during periods when the fewest employees are present. 	Instructor Tips <ul style="list-style-type: none"> • Before explaining industrial hygiene, ask workers if they know what industrial hygiene means.
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