Key Findings

Lean production encourages worker involvement in decisions and careful pretask planning, which can positively influence jobsite safety.

- If misunderstood, workers may respond to lean production’s emphasis on optimizing performance, reducing production time, and relying on just-in-time delivery by adopting risk-taking behaviors and taking shortcuts to speed production.

- Management must ensure that lean principles are aligned fully with sound safety and health management programs.

- Lean principles and practices must be carefully communicated to construction field staff. It is imperative to communicate the goals of lean construction in terms of how the goals align with safety practices.

Alignment between lean principles and practices and worker safety behavior