



## Workface Planning Training Workshops

### *Improve Your Construction Project Performance.*

- Lower costs
- Increased productivity
- Reduced rework
- Greater quality
- Greater predictability
- Continuous improvement
- Improved morale of construction workforce
- Improved safety performance

SAIT offers training in Workface Planning (WFP)—the process of organizing and delivering all elements necessary in a construction project before the work is started, to enable craftpersons to perform quality work in a safe, effective, and efficient manner.



Based on the efficiency model developed by the Construction Owners Association of Alberta (COAA) Workface Planning Committee, and in consultation with a wide range of industry players, this training uses a systems-based approach supported by rules, scorecard, flowchart and templates.

### **WORKFACE PLANNING ESSENTIALS—(1/2-day Workshop)**

This workshop is targeted primarily at executive and manager-level individuals along with associated staff in Owner, Constructor, Engineering, EPCM, and EPC companies. However, employees not directly involved in WFP at these same companies would also benefit from this introductory workshop.

### **What You Will Learn**

Participants will gain a better understanding of:

- Problems associated with the traditional approach to construction planning and execution.
- Potential benefits of WFP related to costs, predictability and productivity.
- Basic principles of WFP and the tools for implementing WFP (Rules, Scorecard, Templates.)
- How WFP can improve project outcomes.

### **Agenda Map**

- Hour 1: Discussion of the shift from a traditional construction approach to a WFP approach.
- Hour 2: Exercise and demonstration of WFP benefits.
- Hour 3: Detailed discussion of the elements of WFP.
- Hour 4: Use of a Force Field analysis exercise to identify the driver and barriers to implementing WFP and to develop an implementation strategy.



## WORKFACE PLANNING FUNDAMENTALS—(4-day Workshop)

This workshop is targeted primarily at members of the WFP team, WFP leads, WF planners, and material and equipment coordinators. This workshop will also be of interest to employees directly involved in WFP at Owner, Constructor, Engineering and EPCM companies and any individuals interested in developing a working knowledge of WFP.

### What You Will Learn

Participants will gain a better understanding of:

- Problems associated with the traditional approach to construction planning and execution.
- Potential benefits of WFP related to costs, predictability, and productivity.
- Basic principles of WFP and the tools for implementing WFP (Rules, Scorecard, and Templates.)
- How to implement all the main elements of a COAA-compliant WFP Model.
- Composition of a Field Installation Work Package.
- Effects of a traditional construction approach and a WFP approach.
- Benefits of WFP and the importance of all elements of the COAA WFP Model.

### Agenda Map

- Day 1: Detailed overview of WFP; assignment into teams.
- Day 2: Planning and executing civil and steel packages.
- Day 3: Planning and executing steel, fabrication, and piping packages.
- Day 4: Development of monitoring and control systems; and final exam.

### For More Information and to Register

Please contact our Corporate Training office at **403.210.4453**.

We look forward to working with you to create a corporate-specific training solution to meet your Workface Planning requirements.

