

AVOIDING SCAFFOLDING REWORK BY COORDINATING ACROSS WORK PACKAGES

Collaborating Across Disciplines and Work Packages to Improve Work Package Planning

CHALLENGES

On the project, scaffold was being erected with only pipe fitters consulted. Then when structural steel was mobilized for the same pipe rack, it was one and a half inch too high. Both crews had to stand down for rework and the project team lost three full schedule days to address the issue.

SOLUTION

O3's ONBuild solution was introduced to create a master index of packages across areas to identify "shared" packages. Each planner coordinates across interdependent IWPs and captures all requirements and constraints in advance. With ONBuild, the team:

- ✔ Created a master index of all interdependent packages
- ✔ Tracked and managed scaffolding for all IWPs
- ✔ Coordinate Scaffolding requests across disciplines
- ✔ Identify and clear constraints across Scaffold packages

AT A GLANCE

An oil and gas refinery in the Gulf States region manages a portfolio of multiple, simultaneous small cap projects.



THE RESULTS



Scaffold is designed and installed for multi-discipline use



Reduced costs due to de-mobilization and re-mobilization



No lost schedule time



Better coordination across disciplines

