

(More Than) Twice as Safe from KID to KEP:




- Create a **belief** of “Nobody Gets Hurt” – make it personal
- Use leading indicators **real-time**
  - ✓ Intervene **Early** and Intervene on **Potential** Exposure
- Empower the workers
  - ✓ Craft **mentoring** craft

Twice as Productive from KID to KEP:



**Engineering and Procurement:**

- Change philosophy limited to safety, fatal flaw or significant cost savings
- Execution based engineering deliverables aligned on integrated milestones

@ 95% Eng. Completion	KID	KEP
Tags shipped	9%	95%
Total Avg. mh per deliverable	42.5	14.3
Duplicate Scope only	NA	0.6
Avg. time to issue PO (weeks)	25	10

**Construction:**

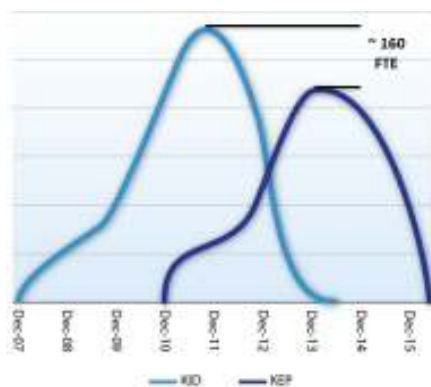
- Maximized offsite hours with all KEP modules fabricated in Edmonton
- Leveraged KID prime contractors for KEP
- Seasonalized execution plan with fully integrated milestone based work sequencing



Twice as Productive from KID to KEP:



**Project Management...**



- Highly **integrated** site team
- Drive for **advanced definition**
  - ✓ **early execution** planning
- Daily **risk reduction** focus

**...it's all about people!**



Twice as Safe, Twice as Productive by 2020



**Nobody Gets Hurt and Twice as Productive  
Today**

**Kearl: Initial Development to Expansion Video**

<http://www.youtube.com/watch?v=3h6cmWtRc70>



Thank you - Questions?