WFP
Prerequisites for success!

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Intro
SAFETY MOMENT
We all know the goal

Getting the right things to the right people at the right time!

What hinders us along the way....

Agenda:

1. EWP issues/fix
2. CWP issues/fix
3. Early mobilization issues
4. IWP Implementation
The big 4!

1. EWP’s are irregular, non IFc or out of sequence:

**Required:**
- The Owner and Engineering are onboard, understand AWP and know the importance of following the POC with their deliverables.
- Consistency & Content: set Templates are agreed to by Engineering, the owner and when possible the Contractor.
- A realistic release of EWP’s with IFC drawings is agreed to, within that Materials and Equipment must also be coordinated to match the POC.

**How:**
- Appoint a qualified WFP Champion on both teams.
- Training and orientations for both groups
- Use a consulting service for alignment if required

“Pre-qualify the Engineering House for AWP.”
The big 4!

2. CWP’s are irregular, non IFC or out of sequence:

**Required:**
- Defined templates for CWP’s to control content
- A release plan reviewed by the contractor and accepted by engineering.
- IFC information
- Procurement follows the CWP release

**How:**
- Decide early on who handles CWP’s (Eng/Contractor/Owner?)
- Use the defined CII/COAA template for reference
- Have a designated group for CWP’s
- Training and a designated Champion
The big 4!

3. Premature mobilization to site

**Required:**
- Realistic schedule *(Proper project start time)*
- Solid Scope
- Meet deliverables: EWP’s, CWP’s, IWP’s, Materials, Equipment

**How:**
- Agreement between the Owner, Engineering, and the contractor as to a proper Scope and start date.
- Realistic expectations from the Owner
- Realistic time based reports from Engineering on deliverables

In short “Readiness for mobilization”
It's shouldn’t be that tough!
Owner provides funds, coordination, guidance and direction.

Engineering provides the design & identifies the materials required

Procurement provides materials to support

Contractor determines the “Means and methods”
WFP approved Contractor

Limit Owner (EPC), Engineering involvement in Contractor procedures.

- IWP sign offs
- Release plans
- Tracking logs
- IWP Templates
- QC content
- Safety content
- Progressing material

Owner involvement is required in:

- Developing a progressing relationship
- Deliverables: CWP’s, Equipment, Materials (agreed to early on)
- Sequencing Systems completions for start up
- RFI’s
- T.O. documentation requirements
The Big 4!

HIJACKING

“Contractor concerns”

4. Often various departments want the IWP package to play to their concerns... the intent of the package is to provide the Foreman with what he needs!

“Keep it slim”
Safety

The package should be limited to Safety concerns relevant to that package only!

- Contacts lists should include only relevant numbers. (411)
- Do not put the Safe Work Procedure in a package you can reference it or the content.
- Only related Hazard Assessments are required.
- ALL safety mentions should be in 1 SAFETY SECTION, use sub categories when required
- Do not put Safety concerns in the Tools or Equipment sections and expect the Foreman to know to look there!
- **DO NOT FORCE THE CREW TO SEARCH FOR SAFETY INFO**
Quality Control

- QC Sign off - This is not about QC confirming Drawings, Schedules, Progressing info, the sign off is for QC specifications.

- Include sections of the ITP if required not the whole ITP or references to specs that are not included in the pack.

- The Foreman is not concerned with disputes over Scope or multiple RFI responses.

- The IWP is IFC, IFC info is all that’s required if there’s history required there’s a “Lesson’s Learned” section.
Project Controls

- Cost codes are required
- Schedule shots are not (updating Schedule shots every schedule change is rework)
- Detailed estimates are not required “in” the IWP even hours and manpower are optional. (Hurried work reducing Safety vs Work drug out in over estimated packages)
I’ve found over the years that initially everyone wants in on the package with sign off’s and content the reality is long before they’ve signed off on 200 - 300 packages their interest is gone, it’s self correcting.

Whenever possible use the IWP Creators to supply the content, as the package goes out for signatures each department has the opportunity to edit that material instead of accessing and providing it, less time lost.

Mobilizing to the field limits everyone’s time, limiting the speed with which everyone supplies so again use your IWP Creators.
Owner involvement in signing IWP’s is often a poor choice as his departments time becomes scarce, holidays, lay offs, sickness all lead to unsigned IWP’s and contractor hold ups.

With schedule changes IWP content is often reworked, outside of controlling schedule try to keep the content non-date specific such as Schedule shots, solid date statements. The rework is extensive in retracting IWP’s in hard or soft copy over a change involving IWP release in the field, most will be discarded rewritten and created every time. These numbers can be large enough to kill an accumulation equal to days of work when you consider multiple disciplines. A simple Start:____ Finish:___date is often all that’s required.
Overview

We control the aforementioned situations and get all the stakeholders to work towards the common goal.
Implementation success!

- Potential 25% improvement in labour productivity
- Safety has been improved to the point of 0 TRIF rates on multiple projects
- Predictability improves by up to 25%
- TIC has shown up to a 10% reduction
WORKFACE PLANNING GAINS!

THE FOREMAN’S DAY

**TRADITIONAL PROJECTS**
- 8.5 hours (85%)
- 1.5 hours (15%)

**Syncrude Test Study 2012**
- 5.5 hours (55%)
- 4.5 hours (45%)

**PROJECTS USING WFP (potential)**
- 6.5 hours (65%)
- 3.5 hours (35%)

**Source:** Chris Buck, President, Productivity Enhancement Resources, Inc. (study)

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Question and Answer

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2. CWP issues/fix
3. Early mobilization issues
4. IWP Implementation
WFP Implementation

end

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