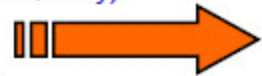


Pre-Event

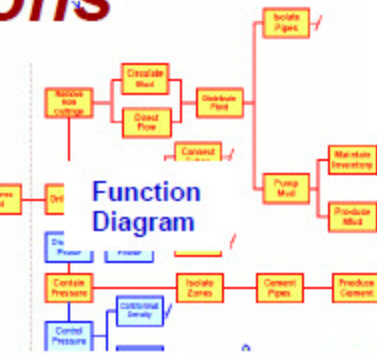
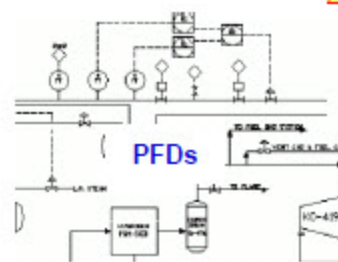
Leadership Team Guidance to Project Teams on Priorities for Improvement		Reference Pined Competition Weight %														
Capital		34%														
Operability		37%														
Plant Assistance Level		11%														
Open		3%														
Project Schedule		23%														
Weight		20%														
Project Scores																
Value Attribute	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	10
Capital																
Operability																
Plant Assistance Level																
Open																
Project Schedule																
Weight																

Set Targets for the VIP Team.
(Option to include Class of Plant Quality)



Using the **VIPNOW** software Project Priorities tool.

Define Functions




Condensate Drum

Potential Brainstorming:


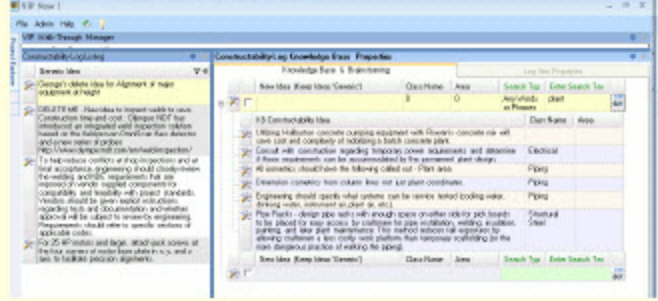
- Safety / Instrumentation
- Controls
- Support Weight Foundations
- Manifolds / piping / valves
- Design for Construction
- Transfer Heat
- Cooling Fluids
- Separate Fluids / Gases
- Remove Steam



Identify Functions to brainstorm from PFDs or Function Analyses.



Creativity

Brainstorm better ways to achieve the Functions & improve the Project Return on Investment & Capture in VIPNOW.




(& query the extensive **VIPNOW** Knowledge Base for Ideas.)

Initial Rank Ideas for Analyses



Rank & Assign Ideas in the VIPNOW software for preliminary Analyses.



DETAILED PROPERTIES	
Project Number:	1001
Project Name:	Value Engineering
VE Stage:	VE - Log ideas
Project Manager:	Joe B. Smith
Details PFDs/Process pumps & utilities from own PFD facilities	
Description:	1/8"
Priority:	Medium
Needs Analysis:	Yes
Priority:	Medium
Assignment:	Accredited
Assigned:	BUDC & then to Area/Paragon
Process:	David M. Oliver
CAPRI Report ID:	Category 2: 1.08 888 (reduces)
QAPCI Description:	Eliminate 2 extra pumps - 200W with controls & associated piping plus 1 new stream
QAPCI ID:	1001
QAPCI Description:	Minor decrease in maintenance effort
QAPCI Impact:	Reduces equipment count / reduces design effort. Must flow overhead to final distillation / or as required to flow to other tanks via gravity / if needed use PFD flow from overhead to tank. Capex reduction / lower increased Technical Risk / Reduced Ops complexity
QAPCI Description:	Change distillation from 800L through distiller overhead to VE flow to gravity overhead or to strips. This is available for gravity flow / the access impact on Waste Injection

Idea Write-ups

Develop one Page Analyses on selected Ideas in **VIPNOW** software & submit to VE Team.



Develop Scenarios

Develop Rational Sets of Ideas which work together to improve Project Return on Investment.



Develop Work Packages

Gather Ideas which can be assessed together in **EPC Work Packages** & manage the work in **VIPNOW**.

