

# CONTRACT MANAGEMENT ERP SOFTWARE

# OBJECTIVE OF ERP SOFTWARE

- ❑ Resources Management- Men, Material and Machines

- ❑ Shut Down management

- Scope of Work
- No of Equipment- Type, Size, Activities.
- Supervisors Job Allocations and responsibilities.
- Real Time Job Status
- Shut Down reports
- Incident reports.

- ❑ ARC Contract Management

- Manpower Statistics- Real Time
- Supervisors Job Allocations and responsibilities.
- Incident reports.

- ❑ Asset management/ Warehouse Management

- Tools/Equipment- Status
- Site and Shut Down wise Allocation
- Inventory level

# ERP SOFTWARE DETAILS

Dashboard

Users

Resources

Multi-Site Overview

Manage all warehouse sites and monitor overall performance

HMEL

Bhatinda

HMEL Bhatinda OTC

View Details

Edit

Delete

VMD

Vadodara

Annual Turn Around Shutdown

View Details

Edit

Delete

JAMNAGAR WAREHOUSE

JAMNAGAR

View Details

Edit

Delete

HMD

Hazira

HMD ARC

View Details

Edit

Delete

MANJUSAR WAREHOUSE

VADODARA

View Details

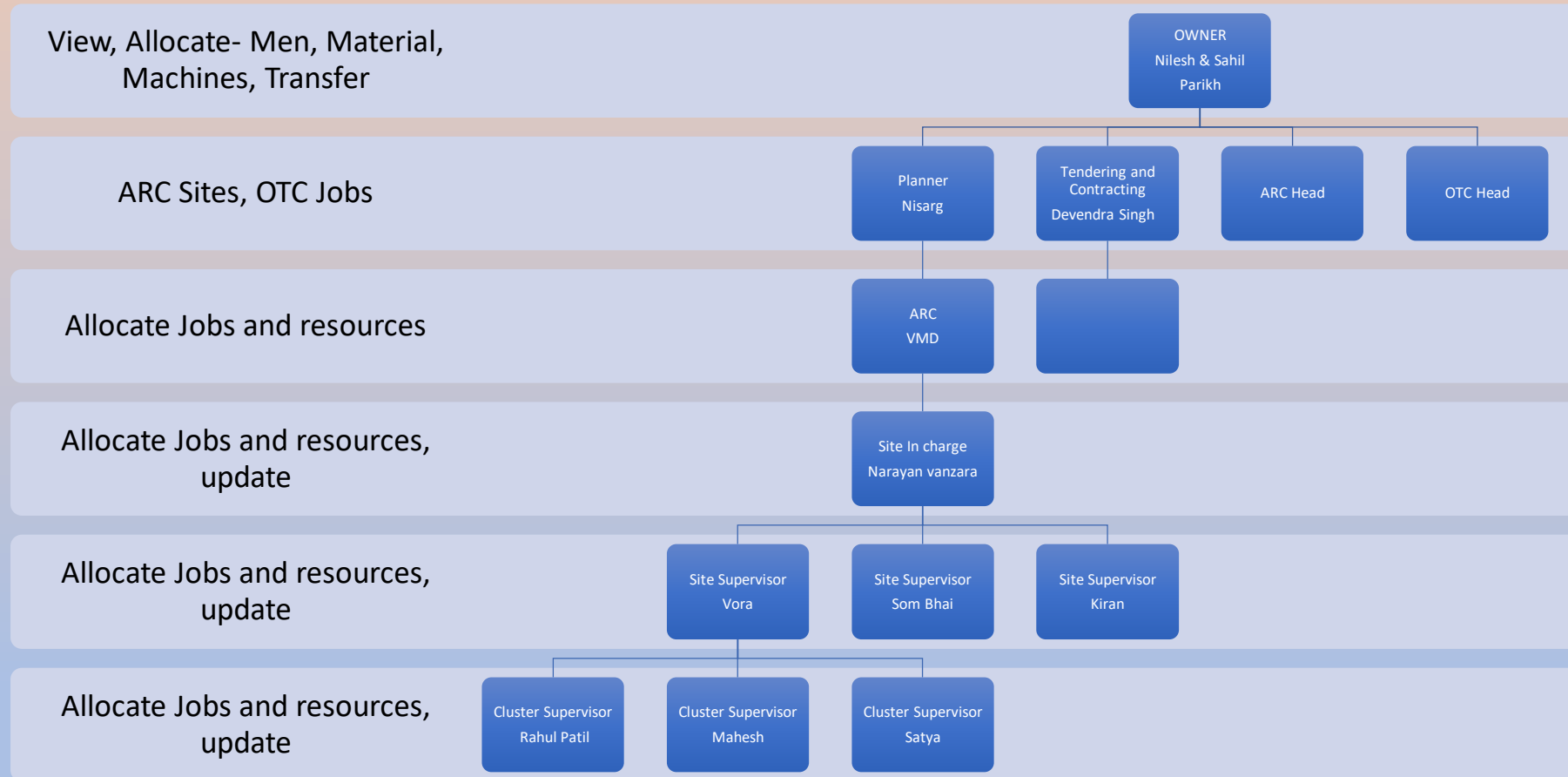
Edit

Delete

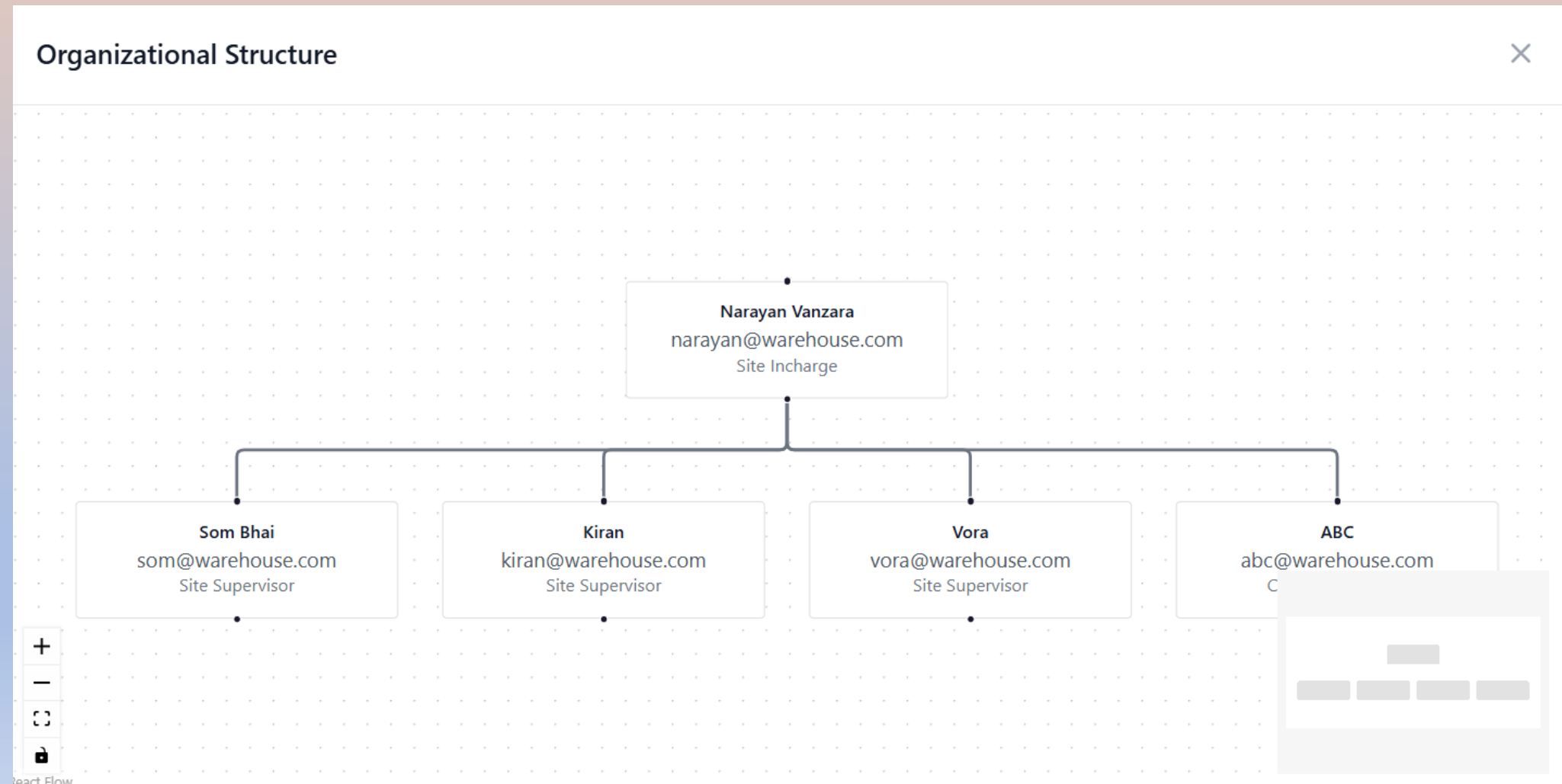
View All Constraints Report

# HIERARCHY












## Approvals, Allocation, Update, Closer



# Site Wise Orgnizational Structure



# EQUIPMENT JOB LIST & SPECIFICATION

HE-FX-010	Heat Exchanger Fixed 10	Heat Exchanger	Fixed	 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
HE-FL-001	Heat Exchanger Floating 1	Heat Exchanger	Floating	 MEDIUM	Not set	Unassigned	IN_PROGRESS	<a href="#">View</a>	<a href="#">Show</a>
COL-008	Column 8	Column		 MEDIUM	Not set	Unassigned	CONSTRAINT	<a href="#">View</a>	<a href="#">Show</a>
COL-001	Column 1	Column		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
COL-002	Column 2	Column		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
COL-003	Column 3	Column		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
COL-004	Column 4	Column		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
COL-005	Column 5	Column		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
VSL-020	Vessel 20	Vessel		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
VSL-001	Vessel 1	Vessel		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>
VSL-008	Vessel 8	Vessel		 MEDIUM	Not set	Unassigned	COMPLETED	<a href="#">View</a>	<a href="#">Show</a>

- Equipment Job List.
- Equipment Specifications
- Real Time scope of work.
- Assign job to site supervisor and cluster supervisors
- Assign Priority to Critical Path Activities.
- Real Time Tracking of Critical Jobs.
- Constraint monitoring to avoid DELAY

# Equipment Details and Scope against each item.

<input type="checkbox"/>	HE-UT-005	Heat Exchanger U Tube 5	Heat Exchanger	U Tube	Not set	ABC (CLUSTER_SUPERVISOR)	IN_PROGRESS	View	Show																																																																																																																																						
<input type="checkbox"/>	BIOP-1151801	C2R Lube Oil Cooler	Heat Exchanger			CLUSTER_SUPERVISOR)	IN_PROGRESS	View	Hide																																																																																																																																						
<div><div>Device Attributes</div><div><div>HPWJ</div><div>BAY</div></div><div><div>Crane</div><div>Hydra</div></div><div><div>Location</div><div>Below CGC</div></div><div><div>HE Length</div><div>5600mm</div></div><div><div>HE Weight</div><div>1 Tn</div></div><div><div>Hydrotest</div><div>OIL, No Water</div></div><div><div>No of tubes</div><div>150</div></div><div><div>Tube Bundle Weight</div><div>450kg</div></div><div><div>Tube Side Hydrotest Pr</div><div>46 Kg/cm2</div></div><div><div>Shell Side Hydrotest Pressure</div><div>75 Kg/cm2</div></div><div>Close</div></div> <tr><td colspan="2">JOB NAME</td><td colspan="2"></td><td colspan="2"></td><td>COMMENT</td><td colspan="2">UPDATED AT</td><td colspan="3"></td></tr> <tr><td colspan="2">Blinding</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Channel and Floating Head Dome Removal</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Bundle Pull Out</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Bundle Cleaning</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Shell Cleaning</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Bundle cleaned and shifted at site</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Bundle Boxed UP</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Shell - Hydrotest</td><td colspan="2"></td><td colspan="2"></td><td>SS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Tube Hydrotest</td><td colspan="2"></td><td colspan="2"></td><td>IN_PROGRESS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr> <tr><td colspan="2">Final Hydrotest</td><td colspan="2"></td><td colspan="2"></td><td>IN_PROGRESS</td><td>-</td><td>7/1/2025</td><td colspan="3"></td></tr>												JOB NAME						COMMENT	UPDATED AT					Blinding						SS	-	7/1/2025				Channel and Floating Head Dome Removal						SS	-	7/1/2025				Bundle Pull Out						SS	-	7/1/2025				Bundle Cleaning						SS	-	7/1/2025				Shell Cleaning						SS	-	7/1/2025				Bundle cleaned and shifted at site						SS	-	7/1/2025				Bundle Boxed UP						SS	-	7/1/2025				Shell - Hydrotest						SS	-	7/1/2025				Tube Hydrotest						IN_PROGRESS	-	7/1/2025				Final Hydrotest						IN_PROGRESS	-	7/1/2025			
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- Equipment Specifications.
- Site Supervisor and cluster supervisors can plan properly.
- No Dealy in execution.
- Use of right equipment and tools,
- Risk assessment and decision making..
- Efficient Coordination.

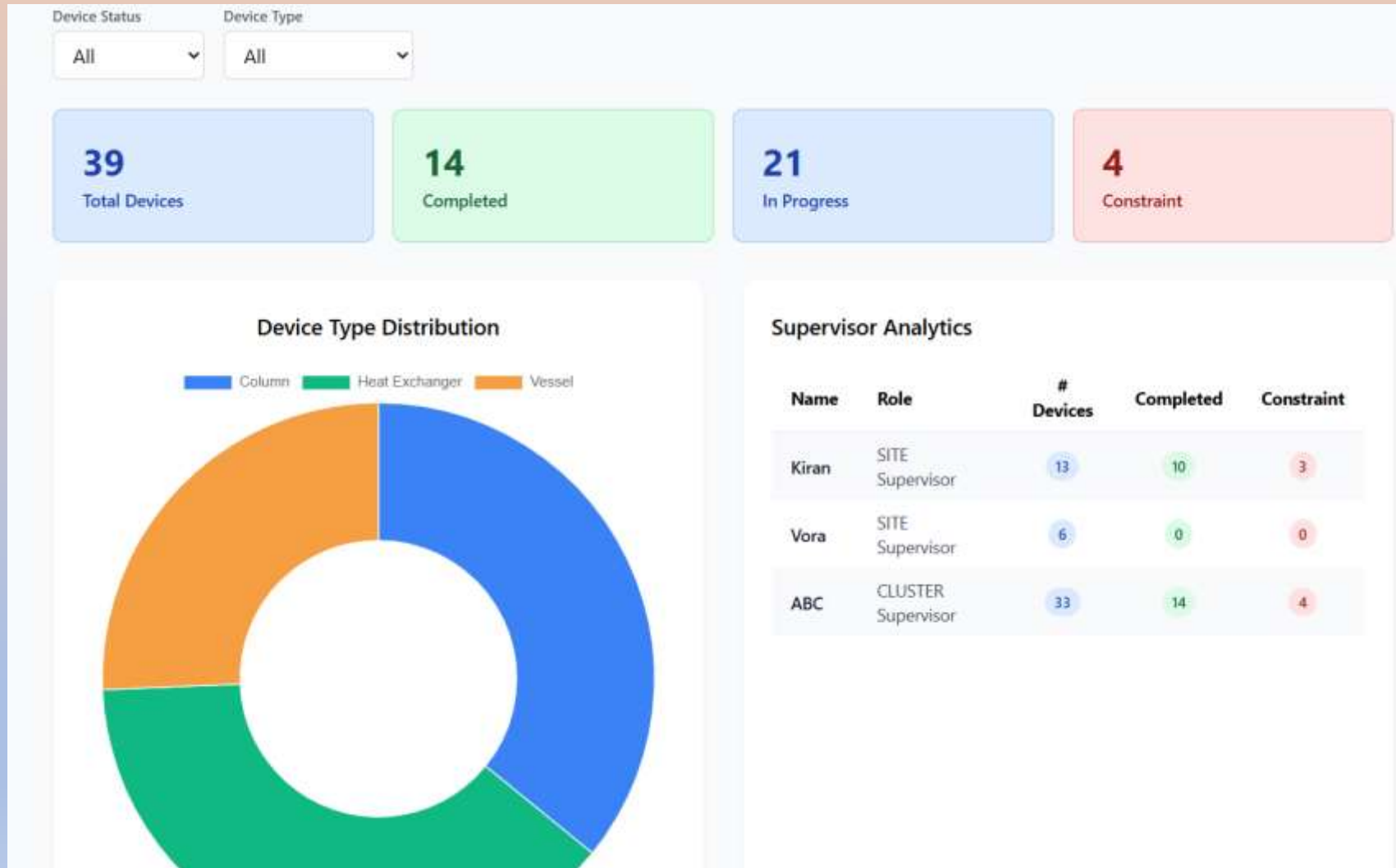
# Equipment Details and Scope against each item.

BIOP-1151801	C2R Lube Oil Cooler	Heat Exchanger	Floating	Not set	CONSTRAINT	Vi
JOB NAME	STATUS	COMMENT	ACTION			
Final Hydrotest	IN_PROGRESS ▼	-	Add Comment			
De-blinding	IN_PROGRESS ▼	-	Add Comment			
Blinding	COMPLETED ▼	-	Add Comment			
Channel and Floating Head Dome Removal	COMPLETED ▼	-	Add Comment			
Bundle Pull Out	COMPLETED ▼	-	Add Comment			
Bundle Cleaning	COMPLETED ▼	-	Add Comment			
Shell Cleaning	COMPLETED ▼	-	Add Comment			
Bundle cleaned and shifted at site	COMPLETED ▼	-	Add Comment			
Bundle Boxed UP	COMPLETED ▼	-	Add Comment			
Shell - Hydrotest	COMPLETED ▼	-	Add Comment			
Tube Hydrotest	CONSTRAINT ▼	5 Tubes out of 985 leak. FOward path awaited	Add/Edit Comment			

- Job scope against each equipment.
- Real Time Progress Report.
- Constraint and delay monitoring .
- Accountability.
- Sequential planning and execution.
- Inspection and Hod-Point monitoring.



# OVERALL EQUIPMENT STATUS



# RESOURCE MANAGEMENT

Resource Management

Analytics

+ Add Resource

Type

All Statuses

All Sites

Clear

0 selected

Allocate to Site

<input type="checkbox"/>	NAME	REG NO	TYPE	SITE	ALLOCATED AT	STATUS	DISPATCH DATE	ATTRIBUTES	ACTIONS
<input type="checkbox"/>	IMPACT WRENCH	IR_02	CHICAGO PNEUMATICS	VMD	8/10/2025	BREAKDOWN	8/14/2025	<div>View</div>	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	IMPACT WRENCH	IR_01	INGERSOLL RAND 1"	VMD	8/10/2025	WORKING	8/14/2025	<div>View</div>	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	SCAFFOLDING	SCF-02	COUPLER	MANJUSAR WAREHOUSE	8/10/2025	FREE	-	<div>View</div>	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	SCAFFOLDING	SCF_01	COUPLER	MANJUSAR WAREHOUSE	8/10/2025	FREE	-	<div>View</div>	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	WELDING MACHINE	WM_03	MIG	VMD	8/10/2025	WORKING	9/30/2025	<div>View</div>	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	WELDING MACHINE	WM_02	PLASMA	VMD	8/10/2025	WORKING	9/30/2025	<div>View</div>	<div><div></div><div></div><div></div></div>

- Real Time status of tools and machines.
- Breakdown report.
- Utilization of resources.
- Allocation of resources to other sites.
- Store Management across all sites.
- Accountability.
- Auditing and reconciliation of resources.
- New Procurement.
- Inventory Optimization
- Real Time Statistics and utilization of all resources

# RESOURCE MANAGEMENT

