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| EPC | Weekly Report 22 Ma**y 2010** | |
| Date: 22 May 2010 | Project: Sidor Site A, Puerto Ordaz Venezuela | |
| Written By: Patrick Melody | ProEnergy EPC Project Mgr  ProEnergy Site Manager | William Lugo  Patrick Melody |
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**1. Executive Summary .**

This report provide an overview of the project activities for the week ending 15 May 2010 for the engineering, procurement, and the construction activities on site.

* 1. **Safety & Regulatory Compliance** 
     + Develop Job Safety Analysis as required.
     + Inspection of motorized equipment prior to usage.
     + Inspection of subcontractor power tools.
  2. **Personnel/Staffing**

|  |  |  |  |
| --- | --- | --- | --- |
| Lugo, Bill | Project Director | Bird, Jason | Tech Adviser 7EA |
| Melody, Patrick | Site Manager |  |  |
|  |  |  |  |
| Blacke Edward | Safety Manager | Horn Ryan | Tool Room Super. |
|  |  | Little John | Mat’l. Coordinator |
|  |  | Daniels Julio | Tool Room (Local) |
| Soriano, Rafael | QA/QC Manager | Izquierdo Weiser | Mat'l. Handler |
| Thomas, Hankins | QA/QC Manager | Lopez Juan Carlos | Mat'l. Handler |
| Siros, James | Mech. Supt. | Flores, Herman | Tool Room (Local) |
| Archuleta, Pete | Piping Supt. |  |  |
| Riley, Jasper | Electrical Supt |  |  |
|  |  | Leccia, Karina | Admin Assist |
|  |  | Rojas, Moises | Logistics |
|  |  | Zambrano Natalia | Translator |
|  |  | Alvarez Josbett | Translator |
|  |  | Jansen Teodoro | Translator |

* 1. **Weekly Accomplishments**
* GT 100 Excavate duct bank MH 7 to GT 100
  + - GT 100 Excavate cable rack foundations/piers
    - GT 100 Concrete placement pipe rack footingspiers
    - GT 100 Clean lub oil spools for auxiliary skid
    - GT 100 Final clean / closure generator lube oil tanks
    - GT 100 Form/Rebar/Pour cable tray foundations and piers
    - GT 100
    - GT 200 Install and torque bolts for plenums and roof skid
    - GT 200 Form/rebar /pour auxiliary foundations
    - GT 200 Form/rebar /pour GSU blast wall 2nd lift
    - GT 200 Final clean / closure generator lube oil tanks
    - GT 200 Form/rebar /pour pipe rack foundation
    - GT 200 Excavate duct bank MH 2 to GT 100
    - GT 300 Clean turbine floor
    - GT 300 Erect structural columns for sound walls
    - GT 300 Exhaust Stack weld out ongoing.
    - GT 300 Install blowers at foundation
    - GT 300 SIDOR Demobilize 650 ton crane
    - GT 300 Set transition duct for filter house
    - GT 300 Set walls at generator
    - GT 300 Set roof at generator
    - GT 300 Excavate exhaust stack foundations
    - GT 300 Clean turbine oil foundations
    - Utility Bldg. prep subgrade
    - Utility Bldg excavate footings
    - Form/Pour Electrical MH 4, 6, 8, 9 Top Slab
    - Install Conduit MH 4 to GT 100
    - Install Conduit MH 4 to Utility Bldg.
    - Install Conduit MH 6 to GT 100
    - Excavate black start generator
    - Ecavate high voltage duct bank from SWBD
    - Form/Rebar pour black start generator
    - Back fill duct banks and MH’s
    - Fabricate pipe spools for fire protection line
    - Install gas compressor on foundation



**1.4– Scheduling Conflicts**

* Development of CPM schedule is ongoing.
  1. **– Site Managers Commentary and Amplifying Remarks**
* The ability of the concrete plant to supply the project continues to be a problem. Concrete is not available with ice. Concrete placement temps are at the threshold of acceptance criteria. See comments regarding PDVSA below
* SIDOR has provided direction for acceptance / rejection of concrete placements in accordance with PDVSA Concreto. PDVSA allows for placement at higher temperature than allowed by ACI. EDG & PES to review and comment.

**2 Engineering and Design**

**2.1 – General Arrangement-**

**2.2 – Site /Civil /Structural**

**2.3 – Mechanical**

* Fully coordinated underground piping drawings are required.

**2.4 – Electrical**

* + - Additional detail is required to stub up conduit at the location required.
    - Grounding grid drawings are required.

**2.5 – Instrumentation**

* **Ongoing**

**2.6 – O&M Manuals –**

* **Ongoing**

**3 Procurement**

**3.1 – Purchase Order Requests**

* A local vendor list is being developed with the assistance of Sedor.

1. **– Equipment & Material Quotations**

* Local procurement is ongoing

**3.3 - Purchase Order –**

**4 Contracts**

**4.1 – EPC Contract –**

**4.2 – Construction Subcontracts –**

* A Purchase Order has been issued to ISI, Mechanical Subcontractor, pending award of a Subcontract. ISI has mobilized on Thursday, 29 April 2010.

**4.3 – Proposal & Quotes**

**5 Construction**

**5.1 Schedule**

* CPM schedule development is ongoing.

**5.2 Equipment Delivery**

* 23 Boxes from Puerto la Cruiz
* Industrial Dolphin – 132 boxes/7 containers
* Ocean Titan at Puerto Ordaz pier – Awaiting unloading

- 116 boxes/1 container

**5.3 Mechanical**

* GT 100 – GT Erection is complete
* GT 200 – GT Erection is complete. Awaiting arrival of turbine for installation.
* GT 300 – Generator, turbine and auxiliary skid have been placed on the foundation

**5.4 Electrical**

* Installation of Manholes and duct banks is ongoing.

**5.5 QA/QC –**

* Inspections of concrete placement, excavation, and backfill activities is ongoing. Numerous deficiencies of civil subcontractor QC program have been noted. Awaiting additional information from civil subcontractor. Subcontractor has added addiotnal QC staff.
* PDVESA Concrete specification is unclear. QA/QC is requesting acceptance / rejection criteria.

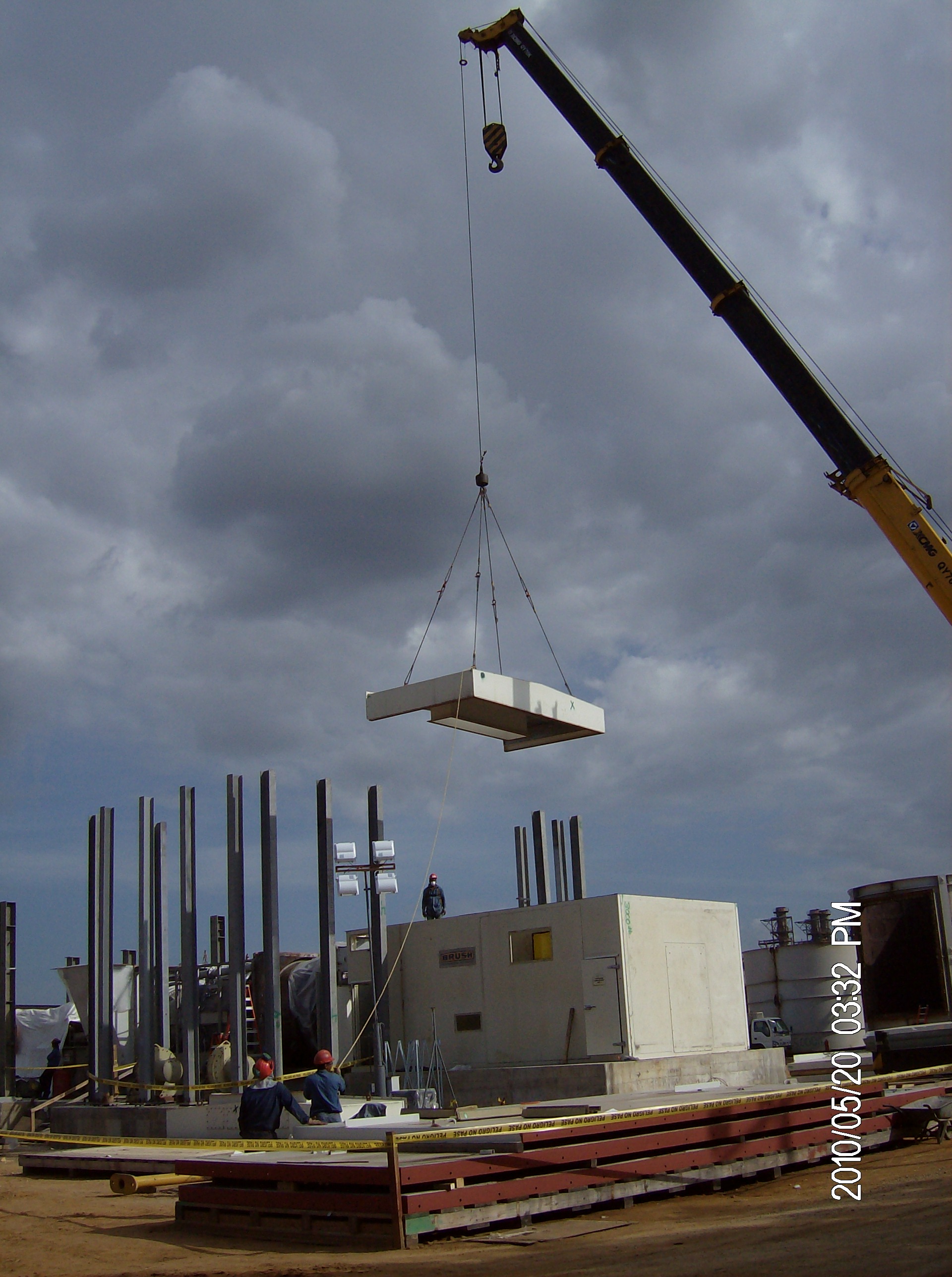
**6 Startup & Commissioning**

* Pending.

**7 Startup Mobilization**



Cable Tray Foundations & Piers



GT 300 7EA Erection



GT 300 Exhaust Stack Welding



GT 200 GSU Blast Wall