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| EPC | Weekly Report **12 June 2010** | |
| Date: 12 June 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**

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| --- | --- | --- | --- |
| Lugo, Bill | Project Director |  |  |
|  |  |  |  |
| Melody, Patrick | Site Manager | Daniels, Julio | Tool Room (Local) |
| Siros, James | Mech. Supt. | Izquierdo, Weiser | Mat'l. Handler |
| Bird, Jason | Tech. Advisor | Flores, Herman | Tool Room (Local) |
| Horn, Ryan | Tool Room Super. |  |  |
|  |  | Leccia, Karina | Admin Assist |
|  |  | Rojas, Moises | Logistics |
|  |  | Zambrano, Natalia | Translator |
|  |  | Alvarez Josbett | Translator |
|  |  | Jansen Teodoro | Translator |
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* 1. **Weekly Accomplishments** 
     + GT 100 Align Turbine/Generator
     + GT 100 & 200 Complete pipe rack foundation
     + GT 100 Complete turbine removal slab
     + GT 100 Install water pump skid
     + GT 100 Install CO2 cabinet
     + GT 200 Complete turbine removal slab
     + GT 200 Install water pump skid
     + GT 200 Install C02 cabinet
     + GT 300 Erect exhaust stack complete
     + GT 300 Install piping inside the enclosure
     + GT 300 Install grating at filer house
     + GT 300 Prep for exhaust transition duct installation
     + TA2 – Pour Pedestal and retaining walls
     + Complete Duct bank – MH 7 to gas compressor
     + Complete Duct bank – MH 8 to gas compressor
     + Complete Duct bank – MH 5 & 3 to switch yard
     + Complete Duct bank – gas compressor to Cooling tower
     + BOP –Complete cooling tower foundation at gas compressor
     + BOP – Install fire line
     + BOP - Install process pipe
     + BOP – Oily water separator foundation in process
     + BOP – Fire line Hydro Test West side
     + BOP - Fabricate pipe spools for fire protection line



**1.4– Scheduling Conflicts**

* Development of CPM schedule is nearing complete. Impacts resulting from lack of progress payments is being reviewed for inclusion
  1. **– Site Managers Commentary and Amplifying Remarks**
* Civil Contractor has reduced manpower this week due to the payment issue. No Saturday work is planned after 12 June 10. GT 300 duct bank 7 foundations, switch yard and water treatment building will be adversely affected.
* GT 300 GSU transformer was damaged in shipment. Site has proposed a repair procedure. Awaiting response from vendor.
* 7EA Dual fuel conversion is scheduled to start on 21 June 10 provided commercial issues are resolved. Approximately 6 week duration.
* The following components have been sent to Termozulia. Beckwith; Electro Industries volt/amp meter; coupling bolts; purge and vent valves for fuel gas module; and ignition transformer. Lead times are critical for replacement of these items.
* Heavy daily rains are impacting production.

**2 Engineering and Design**

**2.1 – General Arrangement-**

**2.2 – Site /Civil /Structural**

**2.3 – Mechanical**

**2.4 – Electrical**

* + - Additional detail is required to stub up conduit at the location required. A list of foundation has been provided to the engineer for his action.
    - 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 SIDOR.
* The lack of Progress Payments is restricting issuing PO’s to local subcontractors and vendors.

1. **– Equipment & Material Quotations**

* Local procurement is hampered by financial restraints

**3.3 - Purchase Order –**

**4 Contracts**

**4.1 – EPC Contract –**

**4.2 – Construction Subcontracts –**

* A Purchase Order has been issued for excavation of underground process piping/fire line.

**4.3 – Proposal & Quotes**

**5 Construction**

* **5.1 Schedule**

Impacts resulting from lack of progress payments is being reviewed for inclusion

* CPM schedule development is ongoing.

**5.2 Equipment Delivery**

**5.3 Mechanical**

* GT 100 – GT Erection is complete
* GT 200 – GT Erection is complete. Awaiting arrival of turbine for installation.
* GT 300 – GT Erection ongoing

**5.4 Electrical**

* Installation of Manholes and duct banks is ongoing.
* On site meeting was held to resolve high voltage and switchyard final design.

**5.5 QA/QC –**

* Inspections of concrete placement, excavation, and backfill activities is ongoing.

**6 Startup & Commissioning**

* Pending.

**7 Startup Mobilization**



GT 300 Exhaust Stack Erection Complete



Duct Bank MH 1 to GT 300



Oily Water Separator Foundation



BOP Equipment Installation at Utility Bldg.