



ALBILAD FFS.



Success Stories **Saudi Aramco approved ALBILAD FFS staging facility (9COM : 6000001537)**

DeltaV System, Designed and Engineered by Emerson Process Management/Saudi Fal Team were successfully staged and FAT completed for Major Saudi Customers in Kingdom of Saudi Arabia.



After the successful completion of the System Launch and Factory Acceptance Test (FAT) of Emerson DeltaV systems, we are proud to announce 3 more successful FAT completion done at our staging facility related to the following projects:

1. Trans root:

- DeltaV DCS System: There were 14 DCS panels assembled and built. The FAT was completed in 2 weeks time without any punch list items reported.
- WDPF System - The FAT was completed in 2 days time.
- ESD System. The FAT was completed in one week's time and no punch list items were reported.

2. Upgrading: There were 6 DCS Panels assembled and built. The FAT was completed at site record time.

Our Staging Facility was built to cater for the rising demand of DCS system staging in Kingdom. It is fully equipped for assembly and building and will be used for all future Projects. The staging facility is fully air conditioned, free of pollution and meets the highest industry standards to conduct Pre-FAT and FAT activities of Controls Systems. **The Staging facility was approved By Saudi Aramco (9COM: 6000001537 – Controller; Electronic; with Distributed) with the support of the Aramco Business Development Unit.**

Activities Done at Staging Area.

- Assemble all kind of panel boards and DCS panels.
- Verify interrupt levels to ensure hardware component Functionality.
- test and inspect all panel wiring to assure functionality.
- Install current version of ordered O/S.
- Format and partition all disks per customer's requirements.
- Pre- FAT & FAT test of DCS & ESD panels before delivery to site.
- Load all software utilities to vendor default selections.
- Test access to all system components via O/S interface.
- Backup system with basic configuration (if backup device is present in system).
- Document all files and structures.
- Document procedures for startup and shutdown.
- Prepare customer documentation.



Staging Facility Specifications:

Working Area: 122 square meter
 Can be expanded to :241 square meter if required
 Office # 1: 19 square meter
 Office # 2: 21 square meter
 Non conformance area: 4 square meter
 Store Room : 8 square meter