
Client Name	:	Al-Jubail Fertilizer Company (SAMAD)
Project Title	:	I-Bal Storage & Loading Facilities (Iso-Butyraldehyde Port Facilities)
Project Description	:	Transfer of Iso-Butyraldehyde to King Fahd International Port from Tank Farm Area for export.

Duties and Responsibilities:

- Design of floating roof I-Bal Storage Tank.
- Design and detailing of foundations for Iso-Butyraldehyde (I-Bal Tank).
- Piping layout within tank farm area.
- Route piping in port piping corridors and berths.
- Stress calculations.
- I-Bal Tank storage measurement system with ENRAF & UAREC.
- Interface field instruments to centum DCS at port.
- Nitrogen blanketing of I-Bal Tank.
- Protection interlock systems for safe operation of I-Bal storage and loading.
- I-Bal transfer pump design and installation.
- Design of I-Bal unloading and shipping systems.
- Design of entire electrical system for the project including lighting, grounding and cathodic protection for storage tank, underground structures and piping.