

COTEC provides professional engineering services of topside deck from concept to installation engineering for offshore oil & gas field development in compliance with class and Industry Standards, such as ISO, DNV, ABS, API etc. COTEC delivers high standard products in an efficient manner.

SCOPE OF SERVICES

- ❖ Make specification
- ❖ Static design
- ❖ Seismic design
- ❖ Fatigue design
- ❖ Loadout design
- ❖ Lifting design
- ❖ Transportation design
- ❖ Lifting Padeye design
- ❖ Floatover installation design
- ❖ Flare boom design
- ❖ Bridge design
- ❖ Living quarter design
- ❖ Joint design
- ❖ Appurtenance structure design
- ❖ Weight control summary
- ❖ Topside structure drawing
- ❖ MTO

SOFTWARE TOOLS

- ❖ SESAM
- ❖ Ansys
- ❖ SACS
- ❖ Mathcad
- ❖ AutoCad
- ❖ Inventor
- ❖ X-STEEL
- ❖ BOCAD
- ❖ PDMS

REPRESENTATIVE PROJECTS



BZ34-1 Topside Deck Base and Detailed Design

- Topside deck static design
- Topside deck seismic design
- Topside deck fatigue design
- Topside deck loadout design
- Topside deck transportation design
- Topside deck floatover installation design
- Topside deck appurtenance structure design



QHD 32-6 Topside Deck Base and Detailed Design

- Topside deck static design
- Topside deck seismic design
- Topside deck fatigue design
- Topside deck loadout design
- Topside deck transportation design
- Topside deck floatover installation design
- Topside deck appurtenance structure design

