

Session 19 – Installation Examples



SOURCE IEx

Ex e controls on Ventilated Tray



Ex e panels using Cable Tray

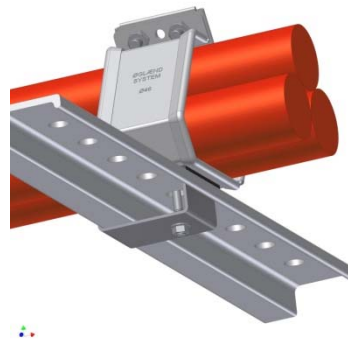
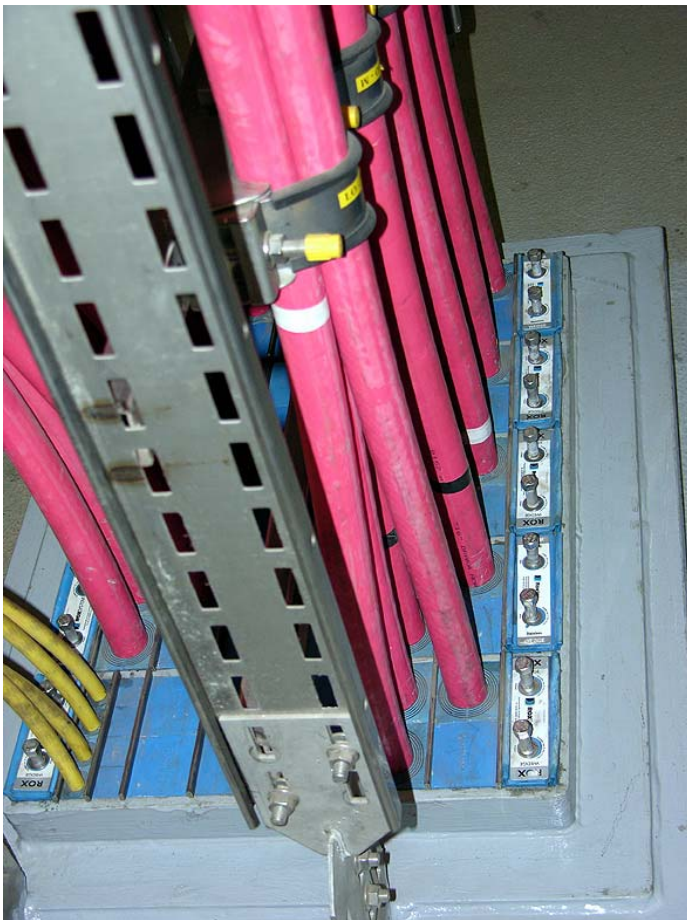
Very common installation technique in offshore facilities in the UK and Norwegian sectors of the North Sea....



Cable Ladder with Trefoils

Passing through bulkheads on offshore applications, the use of a mechanical cable transit is preferred due to high mechanical strength and watertight ratings vs. soft seal products.

Cable cleats typically secured every 2 meters on cable ladder in vertical applications and 3 meters in horizontal applications..



Ex e & d installation examples...

Very common to use a multitude of protection concepts within a particular facility...



Other Installation Notes....

Conduit and cable in the same installation is also not uncommon in the Ex world.

Mechanical protection is commonly provided for Ex equipment to help protect against accidental contact and provide protection against falling objects....

Armored cable in protected raceways are used to keep a clean appearance and when cable tray runs are not practical....



SOURCE IEx

Other Installation Notes....



Understand the difference between a U component certified product and an assembly certified product

