

# HEAT EXCHANGERS

For safe area or hazardous applications



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## Electrical air heaters made according to ATEX

TTC Norge are supplier of electrical heating coils type EEx ed for hazardous area. The full ATEX code is EEx ed IIC T2 (alt. T3) IP56

*Our unique knowledge on how to build air conditioning coils has been our core profession since 1967. We will build your coils according to spec with the required capacities.*



Continuously we design and produce several unique exchangers for projects around the world. They are custom-made and will perform perfectly for decades

TTC equipment for hazardous area include:

- Diesel engine cooling radiators
- Fancoils (room coolers)
- DALC/condensers/evaporators

### SAFE AREA Electrical air heater

Since we introduced TTC electrical air heating coils for hazardous area in the 1980's we have supplied such heaters to several offshore platform installations. Some of these projects also include electrical air heating coils for safe area (LQ). These coils have the same AISI316L casing and elements are with T2 ev. T3 limitations. All to ensure the same high quality for a safe and secure operation for many years.

EEx ed coils are normally required for area with high risk for corrosion. Our standard electrical heating coils for such environments are with heating elements, connection box and framework in SS316L. As an option the coil can be supplied with angle frame and/or heating elements in Incoloy 800.

When designing the exchanger, we ensure effective air heating with high quality heating elements to ensure we can meet the T2 or T3 requirements.

TTC electrical heating coils type EEx ed is certified by NEMKO with certificate No Ex 03ATEX1548X. This complies with the following harmonized European standard: CENELEC EN 50014 - 1977 - A1...A5 and has successfully met the type verification and test requirements of the standard.



We deliver our Ex heating coils worldwide. Please find our mail/phone on top of this page. We are looking forward to assist you.

Safe Area air heating coils since 1967  
El-heating coils for Hazardous Area since 1980's

