Dear forum friends,

I need your help to clarify myself, in below picture in subcritical boiler,

The long clamp support carry coil bank load(pressure part) and it is distributed to wall through lug plate,here long clamps and short clamps are of tight fitted to coil and welded to lugplate for transferring coil load,positioning plate is provided around clamps,to avoid slippage,my question is coil and lug plate are subjected to different temperature as shown in the sketch,

1) **if lug plate 12mm thk is ep welded to coil of lower thickness 4mm(weld not shown in picture),Is there any possibility of failure of coils due to thermal stress (due to diff expansion of coil and lug).**
2) **If lug plate not welded to coil,wether tight fitted clamps is enough to transfer the coil load with out causing failure to tubes.**
   Kindly give your valuable comments