

**Tomal is implementing the new Eurocode according to EU Directive (law) No 305/2011 concerning steel structures.
For Tomal this mainly regards silo, supports and other load-bearing steel structures.
The law is valid from 01.07.2014.**



Calculation of silos according to Eurocode

Tomals static calculator will calculate silos according to the new standard;

- EN 1993-4-1:2007, *Eurocode 3: Design of steel structures – Part 4-1: Silos*
- Tomal silos will be in conformity with national determined parameters for wind, snow and earthquakes.

Quality system regarding welding

Tomal will implement and be certified according to the new standard;

- SS-EN ISO 3834-3:2005, *Quality requirements for fusion welding of metallic materials – Part 3: Standard quality requirements.*

Technical requirements for steel structures

Tomal will implement the following new standard;

- EN 1090-2:2008, *Execution of steel structures – Part 2: Technical requirements for steel structures.*
- Tomal will implement quality demands according to "EXC2" (Execution class 2) → Normal demands → Tomal Quality Systems regarding Welding will follow standard SS-EN ISO 3834-3 → SS-EN ISO 5817 quality level of imperfection class C.

Certification by 3-part

Tomal will implement and be certified according to the new standard;

- EN 1090-1:2009, *Execution of steel structures – Part 1: Requirements for conformity assessment of structural components.*

