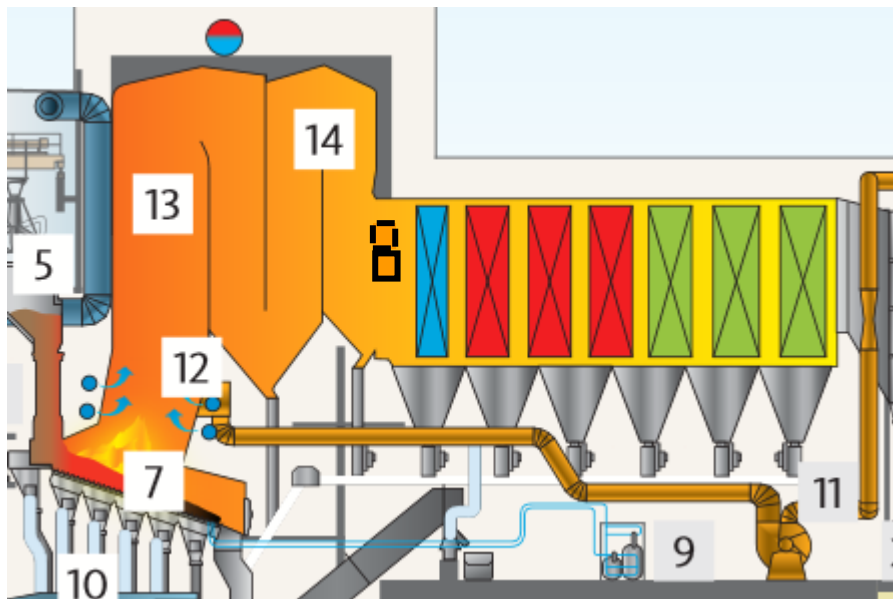


# Shock Pulse Generator Reference Plant: MSWI Roosendaal / NL



- EG10L on side wall
- EG10L on opposite side wall

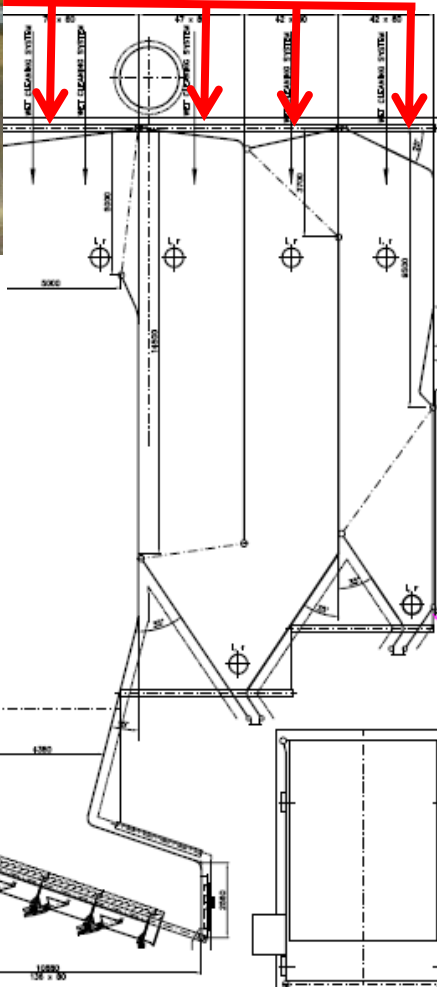
- 75 t/h steam per line
- 4<sup>th</sup> pass: 5.5m wide
- Line 2: 2 EG10L, since 12/2012
- Line 1: 2 EG10L, since 12/2013
- EGs are operated additional to rapping; 12h shock pulse interval
- Cleaning effect good, bundles EVAP1 + SH5 do not clogg any more; pressure drop remains constant
- Plant achieved operating period of 15-16 months, i.e. longer than originally planned 12 months
- Plant supplier: Hitachi Zosen Inova
- Plant operator: Sita Reenergy

# MSWI Roosendaal / NL

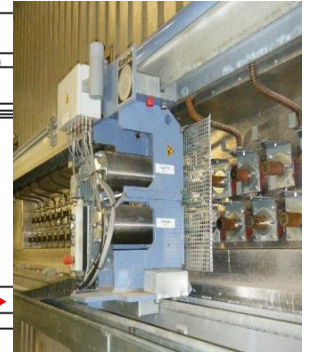
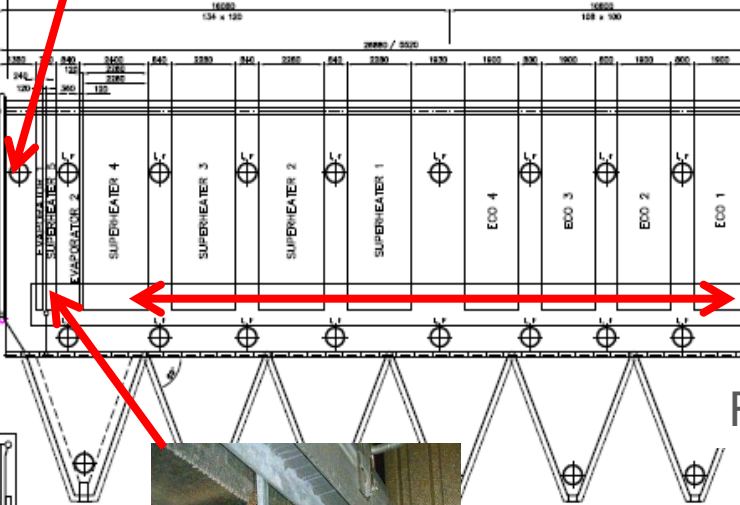
## Overview about boiler cleaning systems



Wet cleaning



Shock Pulse Generator



Rapping system



Single rapping