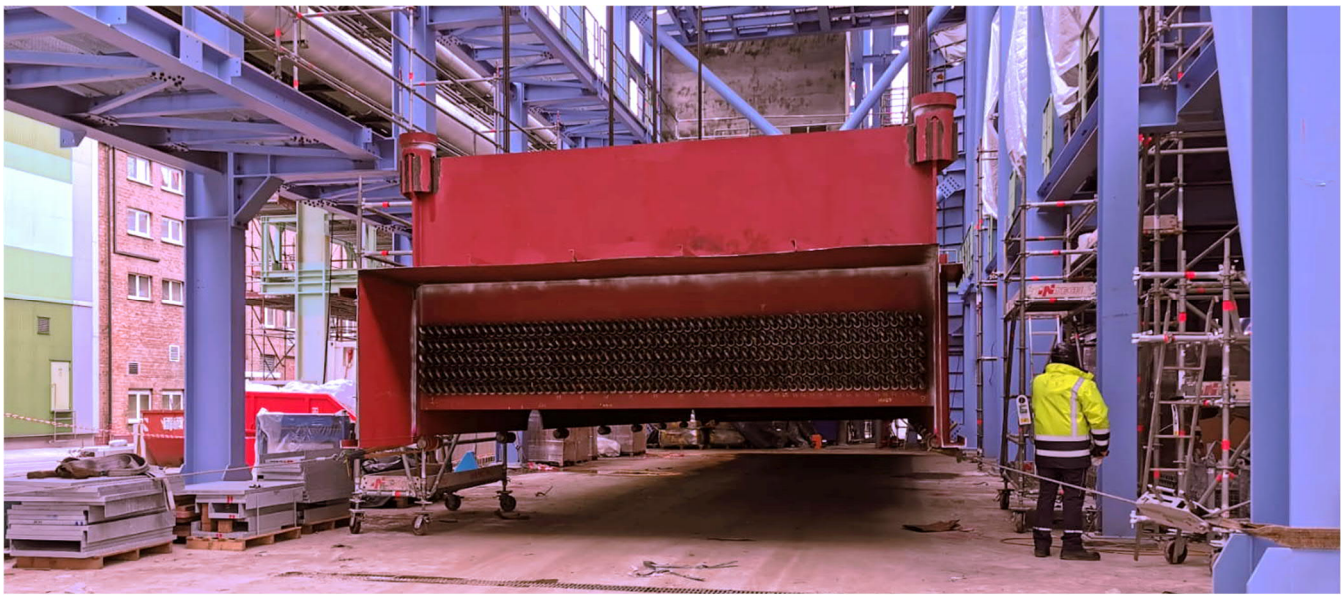
Lifting of ECO modules in Wiesbaden Power Plant

HLI performed lifting of main HSRG boiler elements in curtain sequence. Scope consisted of lifting two 1050t boilers. Elements were brought in using SPMT and in some cases using tracks and rollers. HLI provided staff and expertise in lifting operation. Our company worked in cooperation with strand jack operator and JWW staff. Our employees elasticity proved to be desirable also in more generic assembly works.

The works were performed for JWW Invest S.A. in InfraSerV GMbH & Co. Höhst



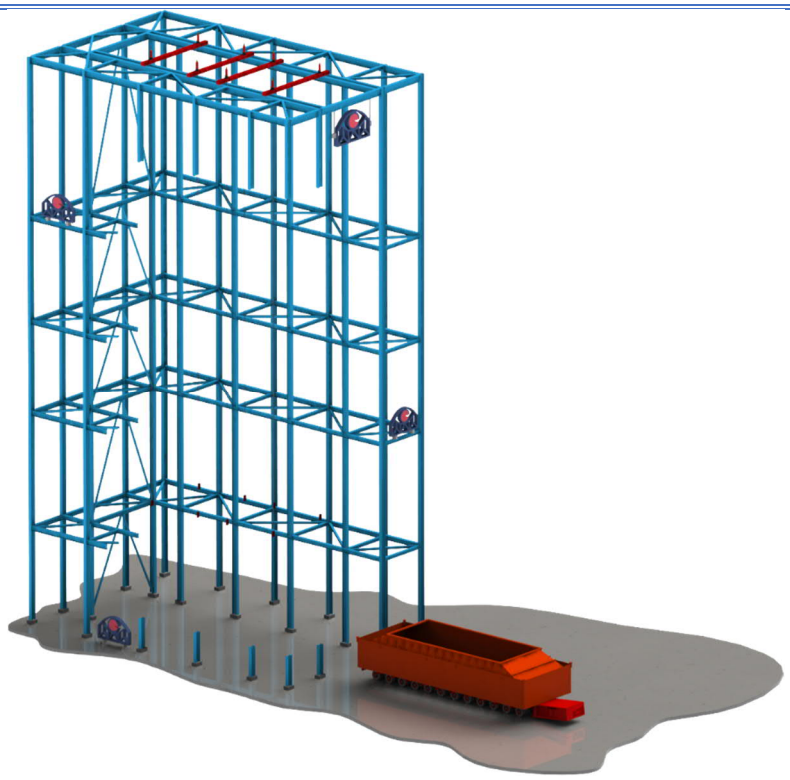
This unique challenge had

some interesting specifics of the case, which made it that more satisfying to solve and gives HLI a point of pride here.

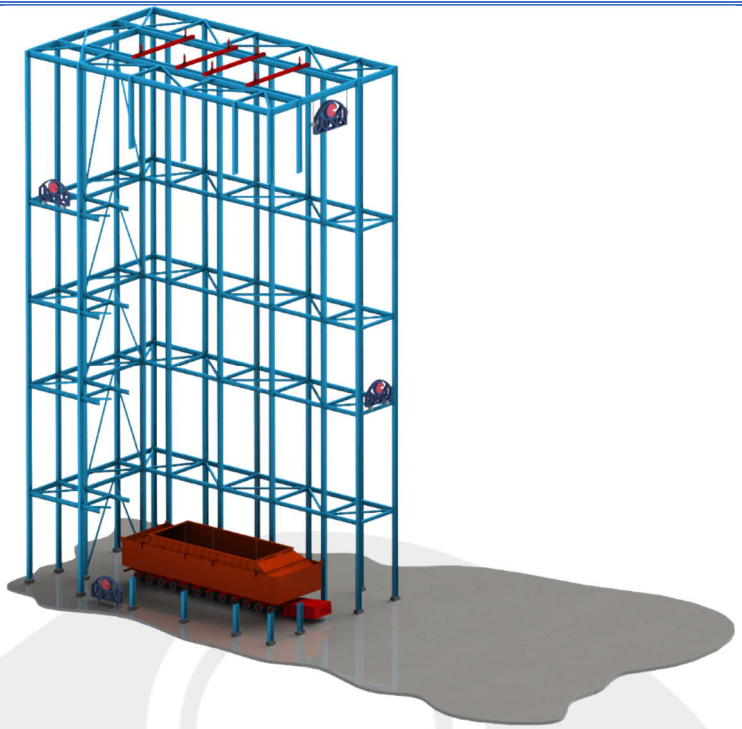
- Cooperation with multiple entities using HLI staff experience in lifting operations
- General support for client staff in assembly works
- Flexibility resulting in HLI staff being engaged in variety of tasks
- Direct supervision over third party personnel

The service included performance of lifting and stabilisation in cooperation with other entities as well as advisory assistance.

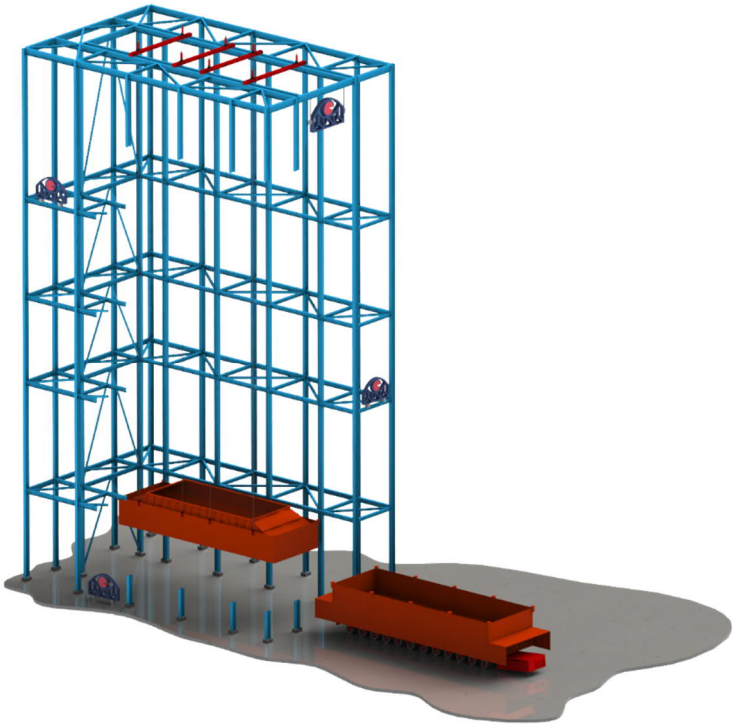
Sequence of works:



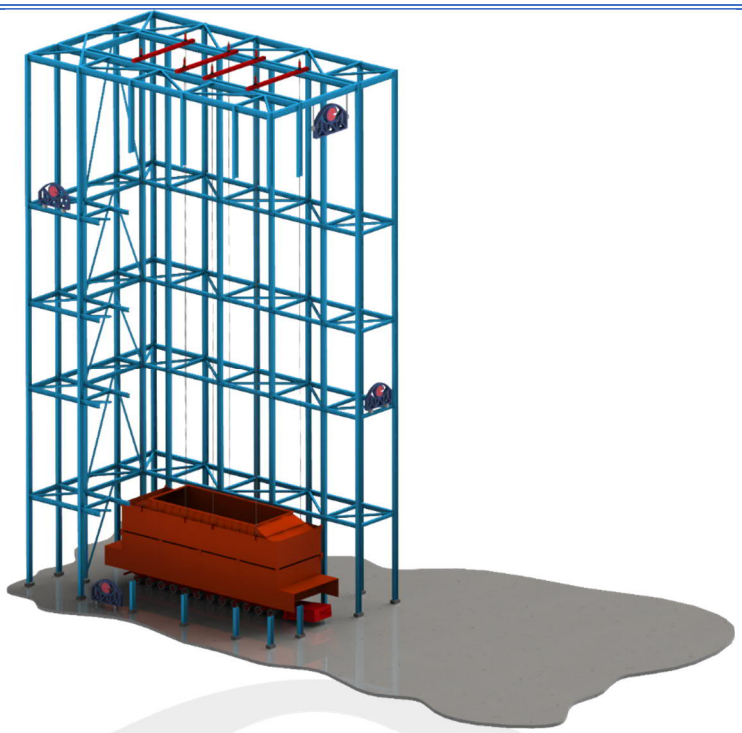
Boiler segments were brought beneath assembly location with SPMT



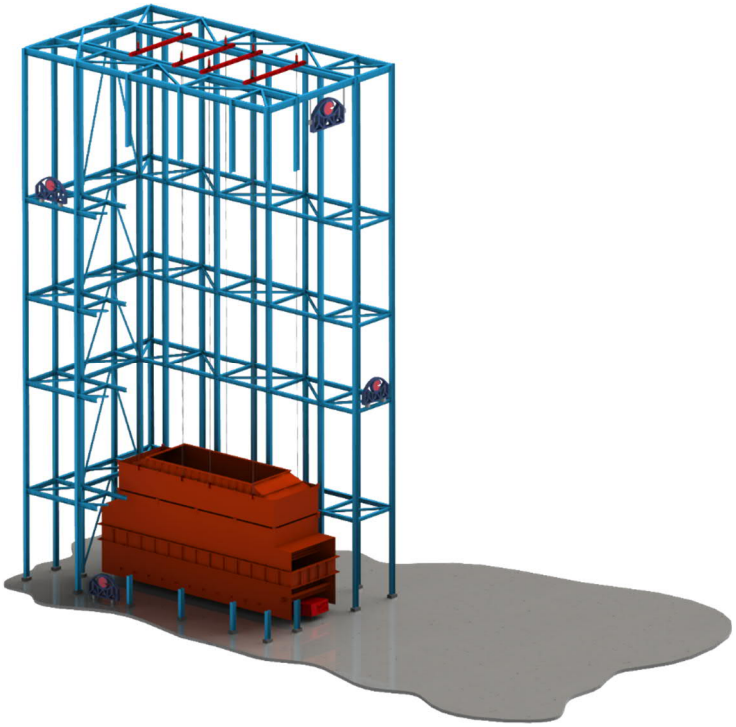
As the element is introduced into the building, strings get attached to hooking points



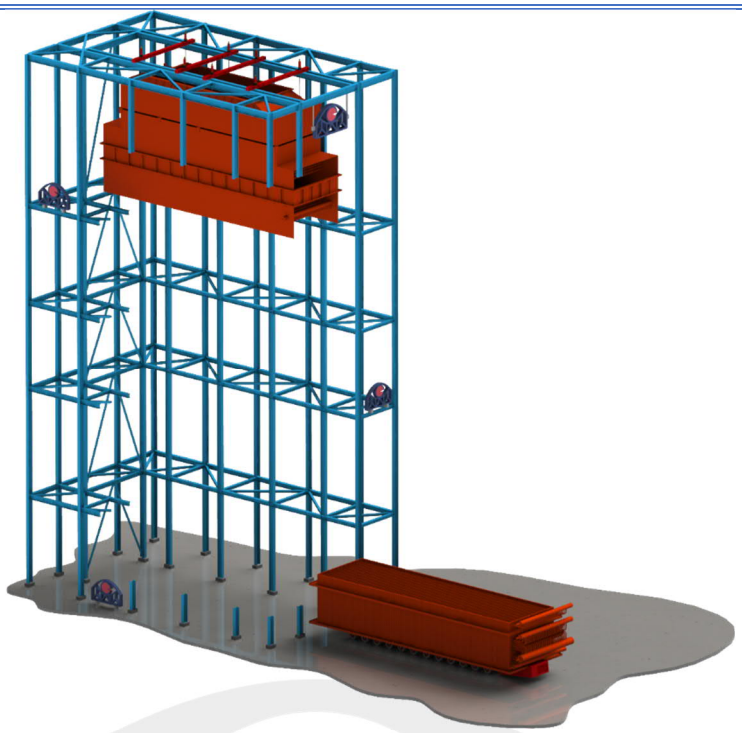
First element, when fully connected, is lifted slightly above



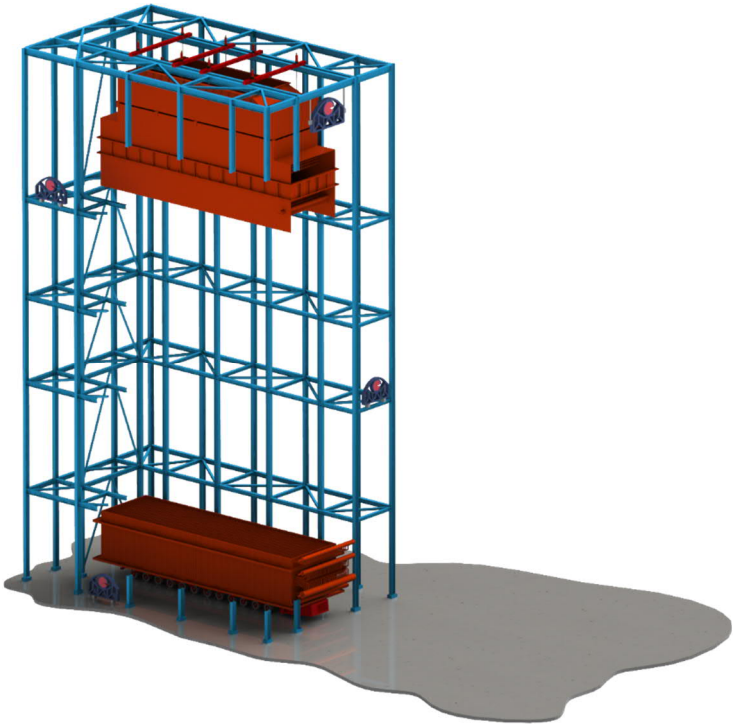
Next segment is transported underneath already lifted piece and upper piece is lowered



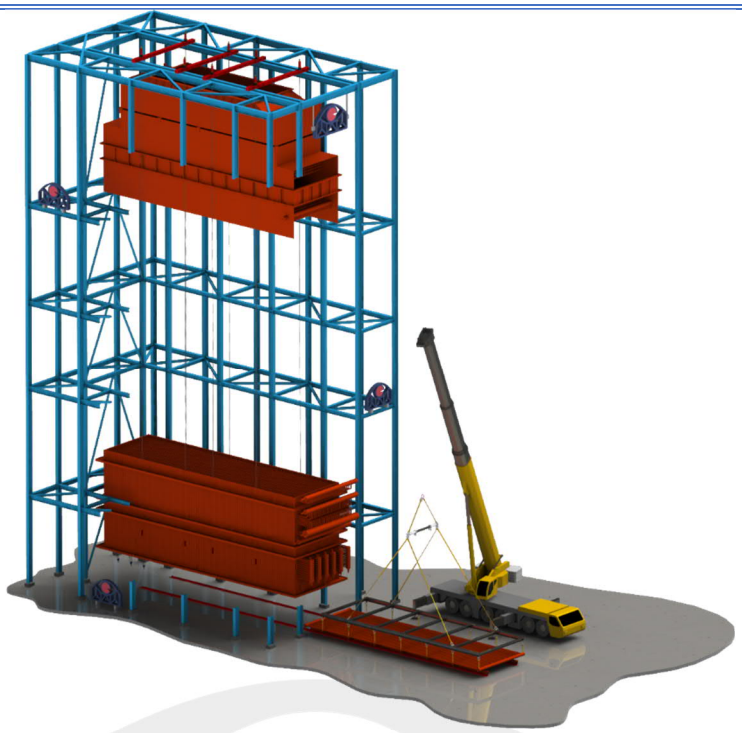
The boiler upper part is connected together using hinges



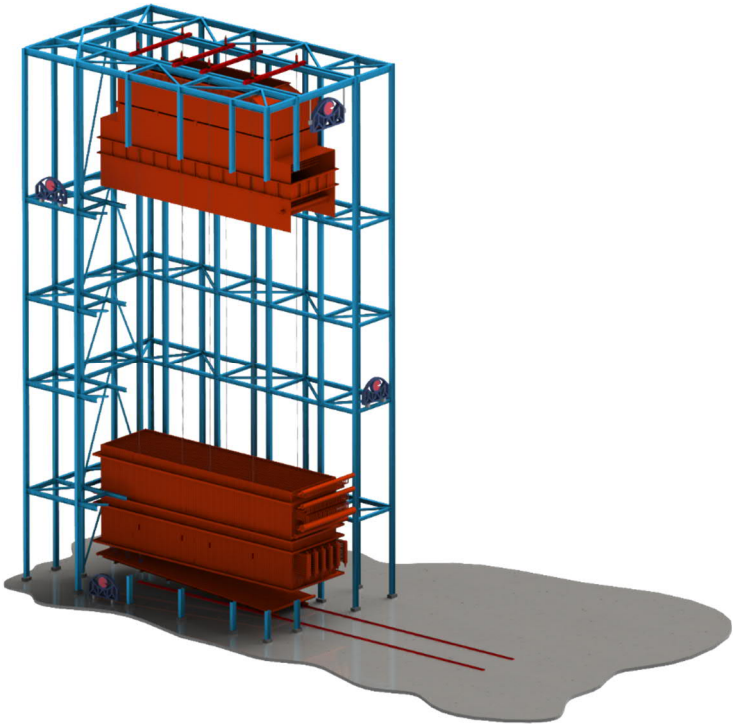
Once boiler upper part is lifted and connected to steel structure, lower part is brought in



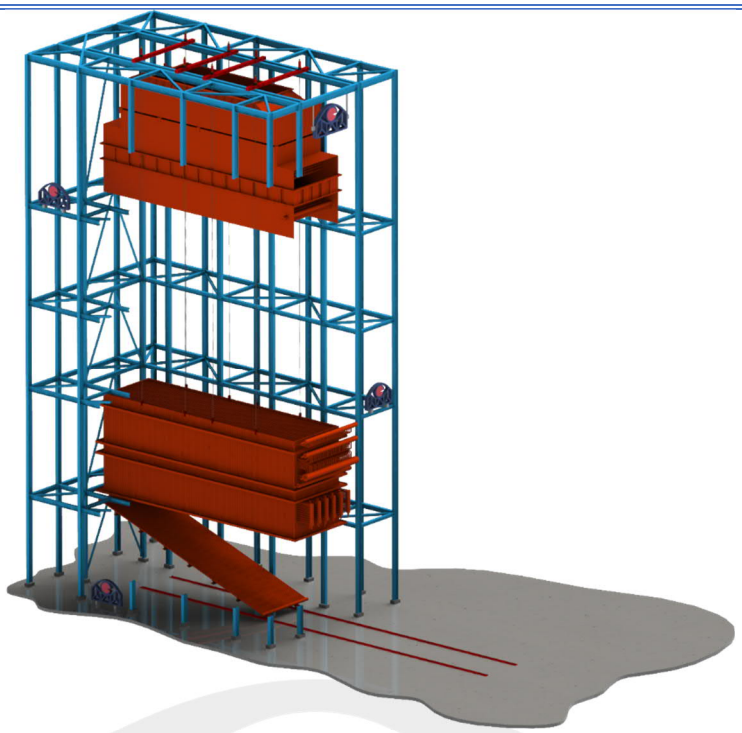
Slings are lowered and connected to boiler lower part



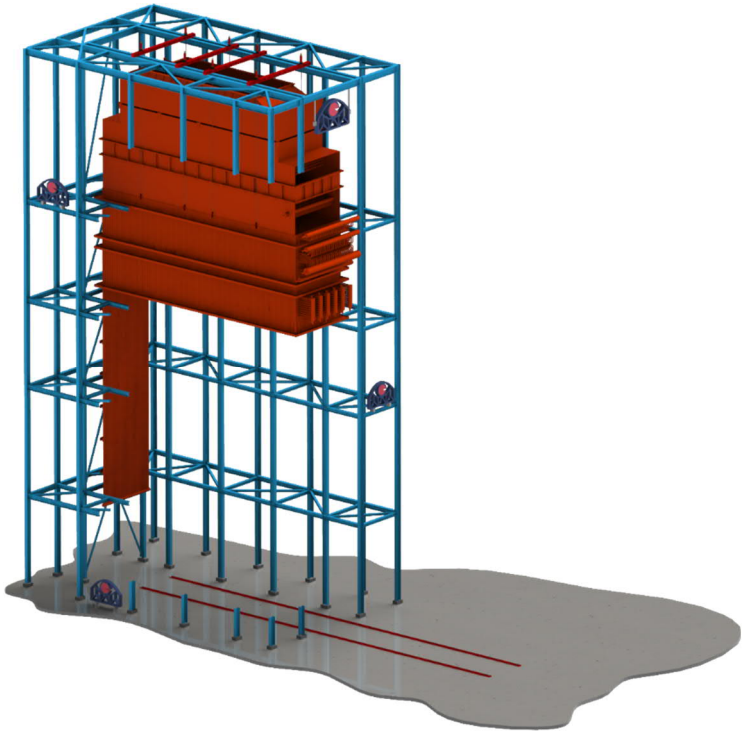
Before final lifting of lower part, rear wall is introduced



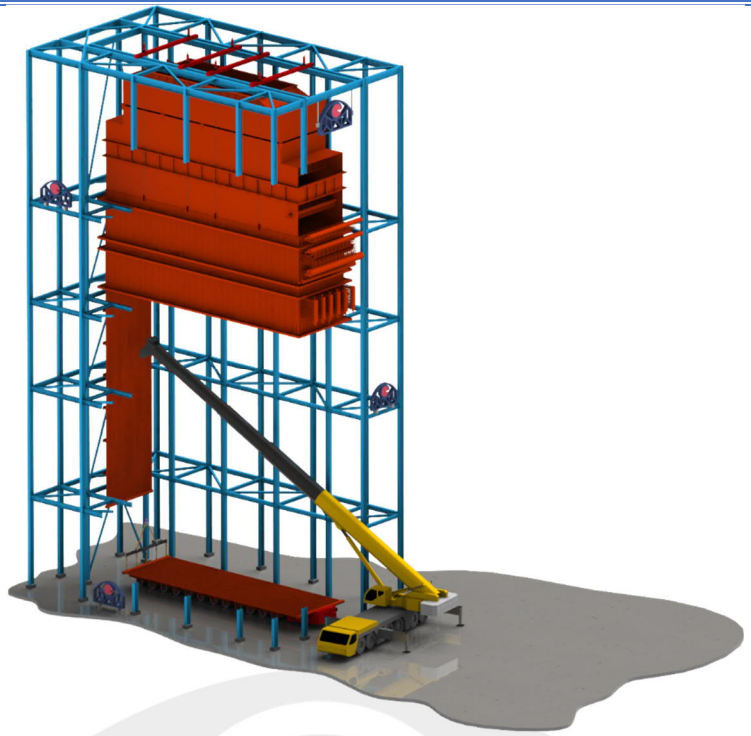
Wall part is skidded using rollers on tracks, beneath lifted boiler parts



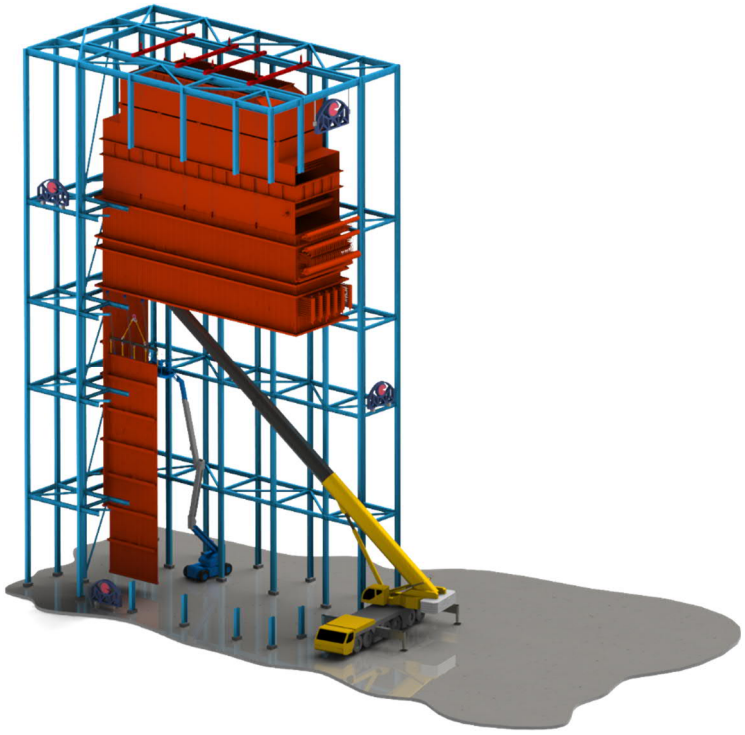
Once the wall is hoisted with chain hoists, boiler lower part is lifted



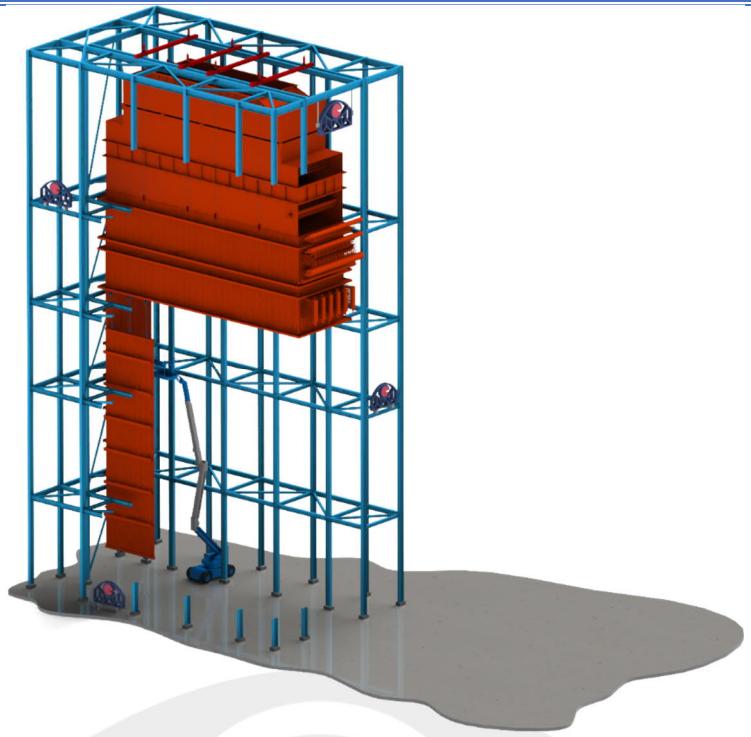
Boiler lower part is lifted into position



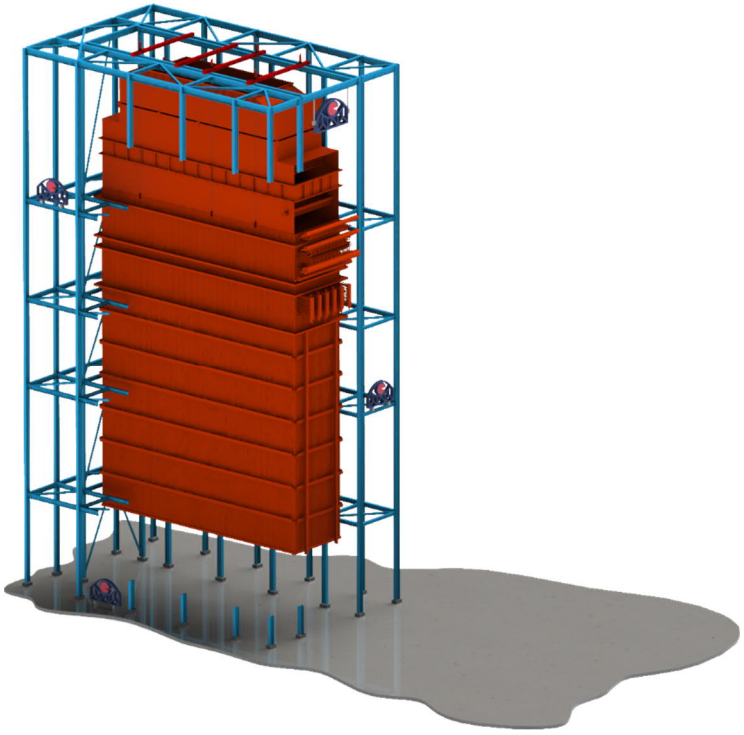
Using SPMT transport and crane, other boiler walls are brought into boiler house



Boiler walls are lifted by crane to be hoisted with chain hoists



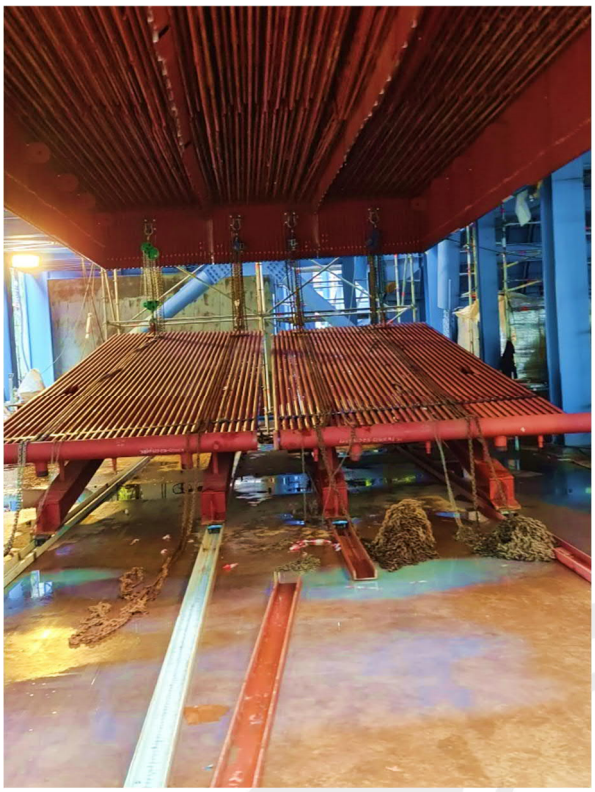
Once suspended, boiler walls are lifted up with chain hoist and connected to the rest of the boiler



Finished assembly operations

HLI HEAVY LIFTING INSIGHT

Because nothing is too big and heavy



Heavy Lifting Insight
HLI Sp. z o.o.
32-052 Radziszów
ul. Podlesie 130

KRS: 0000819705
NIP: 9442266550
REGON: 38509562800000

+48 504 125 150
info@hli.com.pl
www.hli.com.pl

ING Bank Śląski /SWIFT: INGBPLPW
PLN: PL 95 1050 1214 1000 0090 3209 3743
EUR: PL 03 1050 1214 1000 0090 3209 3750