

# References

## Mechanical Engineering & Fabrication



A Company  
of ThyssenKrupp  
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**Uhde Services**



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# References

## Mechanical Engineering & Fabrication

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## Mechanical Engineering &amp; Fabrication

Completion	Client Location Plant Name	Plant Unit	Licensor or Know-how by	Scope / Contract Project notes	Further Explanations
2008	Uhde GmbH Dortmund Germany	ATR-Pilot Plant		Fabrication and delivery of steel construction for the ATR-Rack and the modules. Complete fabrication of the pipes as well as piping of the modules.	Material: P 235 GH 13 CrMo 4-5 X6 CrNiMoTi 17-12-2
2007	THYSSENKRUPP STEEL AG Duisburg Germany	Blast furnace H08 Duisburg-Hamborn		Engineering, fabrication, delivery, erection, EMSR-electrical installation and commissioning of a de-dusting system for the on site raw material bunker plant. Track 1, 2 and 3 for the supply of the blast furnace H08 and H09	Stationary suction hoods, mobile suction car with cable winch, steel construction, main collection ducts with system track and cover belt, connective stub lines to on site bag filter and electrical installations for system integration.
2007	THYSSENKRUPP STEEL AG Duisburg Germany	Blast furnace H08/H09 Duisburg-Hamborn		Reconstruction stockhouse blast furnace 8 / improvement of performance (reconstruction) stockhouse blast furnace 9. Delivery and erection of machines, silos, storage bins, conveyors and pipes	Material: a) Steel to DIN 17100 and ceramic lining b) High grate steel, 1.4541/1.4408
2007	DSD Dillinger Stahlbau GmbH Duisburg Germany	Coke Plant Schwelgern ThyssenKrupp Steel		Supervision for battery 1 and 2. Erection of battery 2	Material: a) Carbon steels to DIN EN 10025 Material-No. 1.0112,1.01.0305 b) High grate steel 1.4301 Material-No. 1.4541
2007	ARCELOR MITTAL BREMEN Bremen Germany	Coke sieving plant		Delivery and erection of conveyors, sieving machines, vibrating conveyors, bunkers and steel construction	Ceramic material Plastic Rubber S235JRG2 S355J2G3 (with welding bend test Z15 and ultrasonic test)

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2005	<b>Arcelor Cockerill Sambre</b> Seraing Belgium	<b>Seraing, Belgium</b>		Pushing emission control system including electrical system and hydraulic control	Engineering, fabrication and erection of - hood car - coke-guide car - main suction pipe
2005	<b>COKES DE CARLING</b> France	<b>Modernization of a gas collection main</b> Batteriegroup 3, battery 10 and 11		Engineering, delivery erection, commissioning of the complete collection main at the batteries 10 and 11 of battery group 3	Material: S235J2G3 EN-GJS-400 EN-GJS-250
2005	<b>CARBONARIA</b> Beteiligungsgesellschaft Schwelgern mbH Duisburg Germany	<b>Refrigeration Plant</b> Coke Plant Schwelgern		Delivery and erection of refrigeration machines, pipes, equipment, pumps, electrical installation	Material: Steel to DIN 17100 and CU
2004	<b>HRS ANLAGENBAU</b> für Carbonaria Duisburg-Schwelgern Germany	<b>Claus plant</b> New building of the coke plant Schwelgern		Prefabrication and erection of pipes, fabrication, delivery and installation of special supports	Material/Material-No.: 1.0254P 235 TR1 1.0345P 235 GH 1.0457L 245 NB 1.541516 Mo 3 1.4401X 5 CrNiMo 17-12-2 1.4571X 6 CrNiMoTi 17-12-2 1.4724X 10 CrAlSi 13 1.4828X 15 CrNiSi 20-12 1.4922X 20 CrMoV 11-1 2.4819NiMo 16 Cr 15W
2004	<b>US Steel</b> Kosice Slovakia	<b>Kosice, Slovakia</b>		Pushing emission control system including electrical system and hydraulic control	Engineering, fabrication and erection of - hood car - coke-guide car - main suction pipe
2004	<b>Zentralkokerei Saar</b>	<b>Pushing ram</b>		Detail-Engineering, fabrication, delivery and installation	Dimensions: 29,9 m x 5,9 m x 0,5 m Material: 16 Mo 3
since 2002	<b>ThyssenKrupp Steel AG</b> für Kokereibetriebsgesellschaft Schwelgern mbH (KBS) Duisburg Germany	<b>Battery 1 and 2</b>		Check and alignment of the furnace bracing	Material: S235JRG2

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since 2002	<b>ThyssenKrupp Steel AG</b> for Kokereibetriebsgesellschaft Schwelgern mbH (KBS) Duisburg Germany	<b>Battery 1 and 2</b>		Change of the chamber- frames at the coke oven doors of the coke battery	Material: Cast steel
1999	<b>DOW CHEMICAL</b> Schkopau	<b>SPS plant</b>		Drums, machines, pumps and agitators (ca. 400 t) as well as piping up to diameter DN 1200 (ca. 400 t)	Material: a) Carbon steel St 37.0 b) Alloyed steel 13 CrMo44, 10 CrMo 9 10 15 Mo 3 c) High grate steel 1.4306, 1.4541
1998-2000	<b>HÜLS AG</b> Marl Germany	<b>Acetylen plant</b>		Agitators, pumps, columns (980 t) and piping (720 t)	Material: St 35, 1.0308 DIN 1629 RSt 37-2, 1.0038 DIN 17100 St 35.8 I, 1.0305 I DIN 17175 St 35.8 III, 1.0305 III DIN 17175
since 1994	<b>Shell Deutschland Oil GmbH</b> Wesseling Germany	<b>Rheinland-Raffinery</b> North / South		Frame contract works like maintenance, repair and new fabrication of heat exchangers, vessels, tanks, filters etc.	a) Carbon steel: 1.0254 - P 235 TR1 1.0345 - P 35 GH 1.5415 - 16 Mo 3 1.5471-X6 CrNiMoTi 17-12-2 1.0425 - P 265 GH 1.0481 - P 295 GH 1.7335 - 13 CrMo 4-5 b) High grate steel 1.4541
1993	<b>THYSSENKRUPP ENCOKE</b> Sollac, Dünkirchen Germany	<b>Battery 7</b>		New building of a coke plant including piping bridges	
1991	<b>RUHRKOHLE NIEDER- RHEIN AG</b> Dortmund Germany	<b>Coke plant Kaiserstuhl III</b>		2 batteries including suction main and wet quenching	Material: a) Carbon steel St 37.0 b) High grate steel 1.4301, 1.4571
since 1989	<b>Salzgitter Flachstahl GmbH</b> Salzgitter Germany	<b>Battery A and B</b>		Check and alignment of the furnace bracing	Material: S235JRG2