

**STEEL INDUSTRY - REFERENCES**





**Dragon Steel Taichung (2019)**

ESP filters and transport - S7-300, Tia Portal for TP 1500

**Tung HO Taipei (2010)**

Steel plant RMH/LF/EAF/DCS - Step 7 and InTouch

**China Steel Kaoshiung (2003)**

Steel plant, Edge heater - Step 7

**Kuei Yi, Taichung (2000)**

Steel plant, CCM - Step 7



**Ruspolymet, Nizhny Novgorod, Kulebaki region (2018)**

8 t HSS Powder production line - S7 1500 and Win CC SCADA

**Amur Metal, Komsomolsk (2007)**

Steel plant EAF/DCS - Step 7 and Win CC

**OEMK, Stary Oskol (2005)**

Steel plant, CCM - Step 7 and InTouch



**ArcelorMittal Asturias, Gijon (2018)**

FF additives dosing and transport, S7-300 and WinCC SCADA

**Siderurgica Bilbao, Jerez de los Caballeros (2001)**

Steel plant, CCM - Step 7 and Citect



**ArcelorMittal Galati (2018.)**

Sinter hybrid filter - S7 1500, WinCC SCADA, TiaPortal for TP1500



**ArcelorMittal Kryvyi Rih (2015, 2017)**

AMKR3 - Sinter ESPs & FFS (S7-300, WinCC SCADA)- S7-300, TiaPortal for TP1200

AMKR2-Sinter ESP filters (S7-300, WinCC SCADA)- S7-300, TiaPortal for TP1200



**ArcelorMittal, Dabrowa Gornicza ( 2017)**

Sinter Hybrid filters - S7-400, InTouch/Archestra, TiaPortal for TP1500

**Huta Katowice, Dabrowa Gornicza (1998)**

Steel plant, CCM - step 5



**ArcelorMittal, Annaba (2015)**

Sinter FF & ESP filters and transport - S7 - 300, TiaPortal for TP1500



**New Zealand Steel (2015)**

Steel plant, CCM, LF - Step 7, InTouch



**Tenaris, Tamsa (2015)**

Steel plant, CCM - step 7



**Shagang, Zhangjiangang (2015)**

Steel plant, BCM & MSR - Step 7, InTouch

**BaoSteel, Shangai (2013)**

Sinter ESP filter - iFix SCADA

**Shagang Hong Fa, Zhangjiangang (2013)**

Steel plant, CCM - Step 7 and WinCC

**Shagang Renzhong, Zhangjiangang (2012)**

Steel plant, CCM - Step 7 and WinCC

**YongGang, Zhangjiangang (2011)**

Steel plant, VOD/VD- Step 7 and WinCC

**Angang, Anshan (2008.)**

Steel plant, Bar edge heater - step 7

**Shagang CCM8, Zhangjiangang (2008)**

Steel plant, CCM - Step 7 and InTouch

**Shagang CCM7, Zhangjiangang (2007)**

Steel plant, CCM - Step 7 and InTouch

**Shagang CCM6, Zhangjiangang (2006)**

Steel plant, CCM - Step 7 and InTouch

**Beiman Special Steel, Fularji (2002)**

Steel plant, CCM - RS50 and Citect

**Shangai 5 (1997)**

Steel plant, CCM - step 5



**Ovako, Smedjebacken (2014)**

CCM - Simatic S7-400



**Arcelor Mittal, Vanderbijlpark (2013)**

Stockhouse dedusting Bag filter - Control Logix 1756, PanelView Plus 1250

**Scaw Metals, Johannesburg (2000)**

Steel plant, CCM 7 -Step 7



**Swiss Steel, Luzern (2013)**

EAF, VD SCADA Upgrade - Citect

**Von Moos, Luzern**

Steel plant, CCM 7 -Step 7 (2007)

Steel plant, CCM 7 -Step 7 (1998)



**Lucchini RS, Lucchini (2013)**

VD/VOD Revamping - Simatic S7-400, WinCC SCADA

**Arvedi, Cremona (2011)**

Steel plant VD/VOD - Step 7 and WinCC

**Pittini Siderpotenza, Potenza (2011)**

Steel plant CCM - Step 7 and InTouch

**Accaieria fratelli Stefana, Brescia (2000)**

Steel plant, DCS - Step 5 and Fix 32

**Ferriere Nord, Osoppo (1997)**

Steel plant, CCM - Step 5 and Fix 32



**GV Pindamonhangaba (2013)**

Steel plant, EAF/LF/RMH/DCS - Step 7 and InTouch

**Usiminas Ipatinga (2011)**

Sinter plant ESP filter - Control Logix 1756, Factory Link SCADA



**Republic Steel, Lorain (2013)**

Steel plant, EAF/RMH - InTouch

**CMC Steel Texas (2006)**

Steel plant, CCM - RS5000 and InTouch

**Tamco Steel, Rancho Cucamonga (2001)**

Steel plant, CCM - RS500 and Citect



**Colakuglu Steel, Gebze (2006)**

Steel plant, CCM- Step7 and InTouch

**Isdemir, Iskenderun (2003)**

Steel plant, CCM x 2 - Step 7

**Kardemir Karabuk (2001)**

Steel plant, CCM - Step 7 and InTouch

**Kaptan Demir Celik, Marmara Ereğlisi (2001)**

Steel plant, CCM - Step 7 and Citect



**Lech- Stahlwerke, Meitingen (2012)**

Steel plant, LF - Step 7 and WinCC



**SSM, Kosice (2010)**

Steel plant, CCM - Step 7 and InTouch



**CCM, Sisak (2009)**

Steel plant, CCM - EAF / LF / WTP - Step 7 and WinCC



**Siam Yamato, Rayong (2009)**

Steel plant, EAF / DCS / LF/ RMH - Step 7



**El-Fouladh, Menzel Bourguiba (2009)**

Steel plant, EAF / RMH / DCS - Step 7 and InTouch



**Hellenic, Athens (2008)**

Steel Plant, EAF / RMH - Step 7 and WinCC

**Volos, Volos (1998)**

Steel Plant, CCM - Step 5

**Hellenic Halyvourgia, Volos (2022)**

DC furnace upgrade – S7-1500, WinCC SCADA

**Hellenic Halyvourgia, Volos (2021)**

CCM upgrade – S7-1500, WinCC SCADA



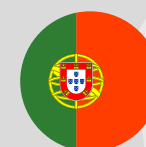
**ArcelorMittal, Zelzate (2007)**

Steel Plant, Stirrer - Step 7



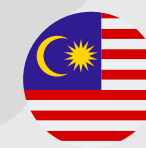
**Posco Steel, GwangJang (2003, 2007)**

Steel Plant, Stirrer - Step 7



**SN Longos, Lisabon (2002, 2004)**

Steel Plant, CCM - RS5000 (2002, 2004)



**Southern Steel, Penang (2001)**

Steel Plant, CCM - Step 5



**BHP, Whyalla (1999)**

Steel Plant, CCM - Step 7