

Sampling of important references for drives for cement plants

Technical design: Frequency converter with current link (CSI)
Frequency converter with voltage link (VSI)
Thyristor converter (DCC)

2010

Klaus Schaller Consulting for Lafarge Cement plant Voskresensk / Russland	2 pieces	ID Fan's drives for Kiln rating: 500 and 750 kW
Klaus Schaller Consulting for Lafarge Cement plant Korkino / Russia	1 piece	Modernization of the kiln drive rating: 630 kW

2008

Cement plant Rezina via Lafarge Ciment Rezina / Moldova	1 piece	Soft starter for synchronous drives (Cement mills 3 x 3,2 MW)
Cement plant in Senegal via VEM Sachsenwerk GmbH and Polysius AG / Germany	1 piece	Drives for rotary kiln and fans with ratings of 2 x 240 kW, 490 kW, 1330 kW and 1700 kW
Heracles General Cement Company – Lafarge Group / Cement plant Volos / Grece	8 pieces	4 Fan drives and 4 impeller drives (5400kW, 2700kW) incl. motors and transformer with water-cooled MV frequency converter 3190 kVA

2007

Deuna Zement GmbH / Germany	1 piece	Drive for 950 kW exhaust gas fan with DC-link converter with impressed current
Cement plant Mykolaiv via OJSC Mykolaivcement / Ukraine	1 piece	Fan drive rating 450 kW
Lafarge Ciment Rezina / Moldova	5 pieces	Drives for Sinter cooler with transformer 1400 kVA, motor and diverse frequency converter
Cement plant Voskresensk via JSC Voskresenskcement / Russia	1 piece	Kiln double drive rating: 2 x 325 kW
	1 piece	Kiln drive rating: 461 kW
Cement plant Korkino via JSC Uralcement / Russia	1 piece	Kiln drive rating: 630 kW

2006

Cement plant Fujairah /UAE via ICER Berlin and Polysius	5 pieces	Drive systems for separator 250 kW and mill auxiliary drives from 22 kW up to 132 kW
Cement plant Dehloran / Iran via Elpro GmbH	6 pieces	Drives for fans, kiln and separator rating: 45 kW up to 2500 kW
Cement plant Rezina/ Moldova via Lafarge	1 piece	Kiln double drive rating: 2 x 530 kW

2005

Al-Muthanna Cement
Factory / Iraq via AEG
Industrial Engineering GmbH 1 piece Kiln double drive
rating: 2 x 405 kW DC

2004

Cement plant Iran via
VA TECH ELIN EBG 3 pieces Fan drives
rating: 1,200 kW, 2,000 kW, 2,100 kW

2003

Cement plant in
Nikolaev/Ukraine
via ICER/Lafarge 4 pieces Drives for pumps
rating: 3 x 250 kW and 1x 55 kW

Cement plant Serbia
via ICER/Lafarge 2 pieces Kiln double drive
rating: 2 x 350 kW

Cement plant in Dubai
via Krupp Polysius 1 piece Kiln blower
rating: 2,100 kW
9 pieces Fan drives
rating: 160 up to 200kW

2002

Cement plant in
Cienfuegos/Cuba 2 pieces Kiln drive and fan
rating: 500 kW and 1,700 kW

1999

Dyckerhoff Cement 2 pieces Drives for blower
rating: 1,000 kW

1998

Cement plant in Dubai 1 piece Kiln blower
rating: 1,950 kW

1996

Cement plant
Shahroud/Iran 4 pieces Drives for rotary kiln, hot gas blower, cooling fans
and filter fans
rating: 315 kW up to 1,670 kW

1995

Heidelberger Zementwerk
Burglengenfeld/ Germany 3 pieces Drives for mills and separators
rating: 2 x 480 kW and 300 kW

Cement plant
XIANG XIANG/China 2 pieces Drives for rotary kiln, hot gas blower
rating: 480 kW

1994

Cement plants
Hegmatan, Kordestan/Iran 5 pieces Drives for raw mills, fans, separators
rating: 170k W up to 1,900 kW

Heidelberger Zementwerk
Schelklingen/Germany 2 pieces Drive for rotary kiln
rating: 960 kW