

BSE REFERENCE LIST FOR VIRTUAL LANCE BURNER / INJECTOR

Steelplant	Country	Place	EAF Type	Transformer	No. of Units	Start-Up
APERAM GENK	BELGIUM	GENK	100 t AC	90 MVA	3	2011
SINOBRAS	BRAZIL	MARABA	40 t AC	41 MVA	1	2007
SINOBRAS	BRAZIL	MARABA	40 t AC	41 MVA	2	2013
SHANDONG SHIHENG SPECIAL STEEL	CHINA	SHANDONG	70 t AC	50 MVA	3	2006
GRUPO DIACO / GERDAU	COLOMBIA	SANTA FE DE BOGOTA	48 t AC	42 MVA	3	2001
CMC SISAK D.O.O.	CROATIA	SISAK	60 t AC	60 MVA	3	2010
OUTOKUMPU STAINLESS OY	FINLAND	TORNIO	135 t AC	140 MVA	3	2014
OVAKO BAR OY AB	FINLAND	IMATRA	80 t AC	50 MVA	3	2012
BADISCHE STAHLWERKE GMBH	GERMANY	KEHL	90 t AC	90 MVA	2 x 4	1999
EDELSTAHLWERKE BUDERUS AG	GERMANY	WETZLAR	90 t AC	40 MVA	2	2002
THYSSENKRUPP NIROSTA GMBH	GERMANY	BOCHUM	165 t AC	135 MVA	3	2013
ADHUNIK METALIKS LTD.	INDIA	KOLKATA	40 t AC	32 MVA	2	2010
APOLLO INTERNATIONAL LTD	INDIA	HARYANA	36 t AC	21 MVA	2 x 2	2011
JINDAL STEEL AND POWER LTD.	INDIA	RAIGARTH, CHHATTISGARH	110 t AC	95 MVA	4	2004
JINDAL STEEL AND POWER LTD.	INDIA	RAIGARTH, CHHATTISGARH	110 t AC	95 MVA	4	2005
KALYANI CARPENTER	INDIA	PUNE	35 t AC	22 MVA	2	2011
MONNET ISPAT & ENERGY LIMITED	INDIA	NEW DELHI	100 t AC	80 MVA	2 x 3	2011
ISPAT INDO	INDONESIA	SURABAYA	100 t AC	80 MVA	3	2004
ACCIAI SPECIALI TERNI S.P.A.	ITALY	TERNI	155 t AC	120 MVA	4	2015
ALFA ACCIAI S.P.A.	ITALY	SAN POLO - BRESCIA	80 t AC	75 MVA	1	2002
FERALPI SIDERURGICA S.P.A.	ITALY	LONATO	80 t AC	70 MVA	1	2003
FERALPI SIDERURGICA S.P.A.	ITALY	VIADANA DI CALVISANO	80 t AC	70 MVA	4	2004
FERRERO	ITALY	S. DIDERO	82 t AC	75 MVA	3	2000
LUCCHINI LOVERE	ITALY	LOVERE	60 t AC	38 MVA	4	2014

RIVA ACCIAIO LESEGNO S.P.A.	ITALY	LESEGNO, CUNEO	82 t AC	50 MVA	3	2000
CHUBU STEEL	JAPAN	NAGOYA	200 t AC	70 MVA	4	2006
NAKAYAMA STEEL WORKS	JAPAN	TAISHO-KU, OSAKA	85 t DC	60 MVA	3	2005
NAKAYAMA STEEL WORKS	JAPAN	TAISHO-KU, OSAKA	80 t DC	60 MVA	1	2013
AMSTEEL MILLS SDN. BHD.	MALAYSIA	BANTING	160 t DC	140 MVA	5	2005
AMSTEEL MILLS SDN. BHD.	MALAYSIA	BANTING	160 t AC	140 MVA	6	2007
ANN JOO STEEL BERHAD	MALAYSIA	PRAI, PULAU PINANG	80 t DC	82 MVA	1	2003
MEGASTEEL SDN BHD	MALAYSIA	BANTING	160 t DC	150 MVA	5	2005
MEGASTEEL SDN BHD	MALAYSIA	BANTING	160 t DC	150 MVA	5	2006
MEGASTEEL SDN BHD	MALAYSIA	BANTING	160 t DC	150 MVA	6	2007
SOUTHERN STEEL BERHAD	MALAYSIA	PRAI, PULAU PINANG	100 t DC	85 MVA	8	2010
HUTA STALI CZESTOCHOWA S.A.	POLAND	CZESTOCHOWA	100 t AC	75 MVA	4	2006
SCAW METALS LTD.	REPUBLIC OF SOUTH AFRICA	MARSHALLTOWN	75 t AC	75 MVA	3	2003
S.C. TMK-RESITA S.A.	ROMANIA	RESITA	125 t AC	75 MVA	4	2009
NOVOKUZNETSK IRON AND STEEL PLANT	RUSSIA	NOVOKUZNETSK	105 t AC	95 MVA	4	2004
HADEED	SAUDI ARABIA	MADINAT AL-JUBAIL	150 t AC	125 MVA	2	2006
HADEED	SAUDI ARABIA	MADINAT AL-JUBAIL	150 t AC	125 MVA	2 x 2	2007
HADEED	SAUDI ARABIA	MADINAT AL-JUBAIL	150 t AC	120 MVA	3	2009
NATSTEEL ASIA PTE. LTD.	SINGAPORE	SINGAPORE	80 t DC	56 MVA	3	2006
NATSTEEL HOLDINGS PTE. LTD.	SINGAPORE	SINGAPORE	90 t DC	56 MVA	3	2011
DONGKUK POHANG	SOUTH KOREA	POHANG	140 t DC	105 MVA	2 x 4	2003
HYUNDAI STEEL COMPANY (EX HANBO)	SOUTH KOREA	DANGJIN	150 t DC	120 MVA	4	2002
HYUNDAI STEEL COMPANY (EX HANBO)	SOUTH KOREA	DANGJIN	150 t DC	120 MVA	2 x 5	2005
HYUNDAI STEEL COMPANY (EX INI)	SOUTH KOREA	INCHON	80 t AC	66 MVA	4	2002
HYUNDAI STEEL COMPANY (EX INI)	SOUTH KOREA	INCHON	90 t AC	72 MVA	4	2002
HYUNDAI STEEL COMPANY (EX INI)	SOUTH KOREA	INCHON	120 t DC	95 MVA	4	2002
HYUNDAI STEEL COMPANY (EX INI)	SOUTH KOREA	INCHON	50 t AC	36 MVA	3	2003
HYUNDAI STEEL COMPANY (EX INI)	SOUTH KOREA	INCHON	60 t AC	50 MVA	4	2003

HYUNDAI STEEL COMPANY (EX INI)	SOUTH KOREA	INCHON	120 t DC	95 MVA	4	2003
HYUNDAI STEEL COMPANY (EX INI)	SOUTH KOREA	INCHON	70 t AC	60 MVA	4	2008
POSCO - POHANG IRON & STEEL	SOUTH KOREA	GWANGYANG	130 t DC	102 MVA	2 x 5	2005
YK STEEL CORP. (EX HANBO)	SOUTH KOREA	PUSAN	90 t AC	72 MVA	4	2004
OUTOKUMPU STAINLESS AB	SWEDEN	AVESTA	85 t AC	105 MVA	3	2017
OVAKO STEEL AB	SWEDEN	HOFORS	110 t AC	80 MVA	1	2009
OVAKO STEEL AB	SWEDEN	HOFORS	110 t AC	80 MVA	4	2011
STAHL GERLAFINGEN AG	SWITZERLAND	GERLAFINGEN	70 t AC	75 MVA	3	2014
FENG HSIN IRON & STEEL CO.LTD.	TAIWAN	TAICHUNG HSIEN	110 t DC	82 MVA	3	2002
FENG HSIN IRON & STEEL CO.LTD.	TAIWAN	TAICHUNG HSIEN	100 t AC	95 MVA	4	2006
YIEH UNITED STEEL CORP	TAIWAN	KAOSIUNG	94 t AC	70 MVA	4	2012
EKINCILER DEMIR VE CELIK	TURKEY	ISKENDERUN	90 t AC	60 MVA	4	2007
KOC CELIK SANAYI AS	TURKEY	OSMANYIE	60 t AC	60 MVA	4	2013
ISTIL	UKRAINE	DONETSK	120 t AC	87 MVA	1	2008
CORUS ENGINEERING STEELS	UNITED KINGDOM	SHEFFIELD	180 t AC	120 MVA	4	2004
A. FINKL & SONS	UNITED STATES	CHICAGO	80 t AC	75 MVA	2	2010
CMC STEEL SOUTH CAROLINA	UNITED STATES	CAYCE	73 t AC	90 MVA	4	2007
GERDAU BEAUMONT STEEL MILL	UNITED STATES	VIDOR, TX	120 t AC	66 MVA	1	2017
NUCOR STEEL TUSCALOOSA, INC.	UNITED STATES	TUSCALOOSA	150 t DC	116 MVA	5	2016
NUCOR STEEL TUSCALOOSA, INC.	UNITED STATES	TUSCALOOSA, AL	150 t DC	116 MVA	5	2018
OUTOKUMPU STAINLESS USA	UNITED STATES	CALVERT	160 t AC	155 MVA	3	2016
REPUBLIC STEEL	UNITED STATES	CANTON, OHIO	200 t AC	110 MVA	5	2012
STEEL DYNAMICS, INC.	UNITED STATES	COLUMBIA CITY	110 t AC	120 MVA	1	2016
TMK IPSCO KOPPEL TUBULARS CORP	UNITED STATES	BEAVER FALLS, PA	85 t AC	66 MVA	3	2012
SIDOR - SIDERURGICA DEL ORINOCCO	VENEZUELA	PUERTO ORDAZ	200 t AC	100 MVA	2 x 3	2000

Number of VLB References: 85

Steelplant	Country	Place	EAF Type	Transformer	No. of Units	Start-Up
ARCELORMITTAL OSTRAVA	CZECH REPUBLIC	OSTRAVA-KUNCICE	0 t	0 MVA	4	2014

Number of VLI References: 1