

Brief Reference List (As on January, 2016)

SN.	Description	Scope of Supply	Technology Supplier (OEM)	End-User (Customer)	Year of Supply / Commissioning
1.	Automation Revamping of Wire & Rod Mill (WRM-1)	a) Design, Engineering, Manufacturing, Supply, Commissioning of Level-1 Automation System	Existing Automation Logic	PT. Gunung Raja Paksi, Indonesia	January, 2016
2.	Beam Plat-1 Level-1 HMI Up-Gradation and Rolling Schedule	a) Design, Engineering, Supply, Commissioning of Level-1 HMI System	Existing Automation Logic	PT. Gunung Garuda, Indonesia	December, 2015
3.	100 TPH Walking Beam Type Re-Heating Furnace for Beam Plant-1	a) Design, Engineering, Manufacturing, Supply, Erection Supervision & Commissioning of Complete Electrical (MCC, PCC, PDB), Automation, VFD & Instrumentation System b) Design, Engineering, Supervision of Erection and Commissioning of Combustion System	Real Time Engineering Pvt. Ltd.	PT. Gunung Garuda, Indonesia	August, 2015
4.	Automation Revamping of Beam Plant-2 Tandem Rolling	c) Design, Engineering, Supply & Commissioning of PLC Based Level-1 Automation System	PT. Gunung Garuda (Existing Logic)	PT. Gunung Garuda, Indonesia	August, 2015

Brief Reference List (As on January, 2016)

	Mill				
5.	230 TPH Walking Beam Type Re-Heating Furnace for Universal Rail Mill	a) Supply of Hot-Redundant PLC Automation & VFD System	Bricmont (Andritz Metals)	Bhilai Steel Plant, Steel Authority of India Ltd. India	July, 2015 (Yet to be Commissioned)
6.	Material Handling System of EAF and LF of SMS-2	a) Engineering, Manufacturing, Commissioning of Level-1 Automation & Instrumentation System	EAF & LF Supplied by SMS-Group	PT. Gunung Raja Paksi, Indonesia	February, 2014 (Yet to do Hot Trial)
7.	220 TPH Walking Beam Type Re-Heating Furnace for Medium Structural Mill	a) Supply of Hot-Redundant PLC Automation & VFD System	Bricmont, India	Durgapur Steel Plant, Steel Authority of India Ltd., India	September, 2012 (Commissioned June, 2015)
8.	Emergency Water Supply System for BLOOM ROUNDCASTER (BRC)	a) Design, Engineering, Supply, Erection, Software Development and Commissioning of Complete Electrical, Instrumentation & Automation System	MICCO (GACL), India	SAIL, Durgapur Steel Plant, India	2013-2015
9.	Emergency Water Supply System for Laddle	a) Design, Engineering, Supply, Erection, Software Development and Commissioning of Complete	MICCO (GACL), India	SAIL, Durgapur Steel Plant, India	2011 - 2014

Brief Reference List (As on January, 2016)

	Furnace-3	Electrical, Instrumentation & Automation System			
10.	Safety PLC System of LD Gas Holder and Gas Export Plant	a) Design, Engineering, Supply, Erection, Software Development and Commissioning of Complete Instrumentation & Automation (SIEMENS Safety PLC) System	MICCO (GACL), India	Tata Steel Ltd, India	2011 - 2014
11.	Cooling Water Supply System for BF-1	a) Design, Engineering, Supply, Software Development and Commissioning of Instrumentation & Automation System	MICCO (GACL), India	RINL, Vizag Steel Plant (VSP), India	2013 - 2014
12.	Upgradation of Automation and Instrumentation System for Sinter Machine-1	a) Design, Engineering, Supply, Software Development and Commissioning of Automation & Instrumentation System	MICCO (GACL), India	SAIL, Bokaro Steel Plant, India	2013 – 2014
13.	Automation and Instrumentation System of Cast House Slag Granulation Plant for Blast Furnace 1, 2 & 3	a) Design, Engineering, Supply, Erection, Software Development and Commissioning of Complete Instrumentation & Automation System	CET, Ranchi, India	SAIL, Bokaro Steel Plant, India	2012 – 2015

Brief Reference List (As on January, 2016)

14.	Level-1 Automation System of 60 Ton AOD Converter, Gas Cleaning System and FAFA System	a) Design, Engineering, Supply, Software Development and Commissioning of Level-1 Automation System	IgH Raine, Germany	SAIL, Salem Steel Plant, India	2010 - 2012
15.	160 TPH Stainless Steel Walking Beam Type Re-Heating Furnace	a) Supply of PLC Automation & VFD System	Bricmont, India	Bhuvée Steel, Orissa, India	August, 2011
16.	Automation System of Emergency Water System for Caster	a) Design, Engineering, Supply, Software Development and Commissioning of Complete Automation System	NICCO Projects, India	Tata Steel Ltd, India	2008 - 2009
17.	Automation System of Nitro Glycerine Plant at two locations	a) Design, Engineering, Supply, Software Development and Commissioning of Complete Automation System	NICCO Projects, India and Biazzi, Switzerland	Ordinance Factories, Indian Defence	2008 - 2011
18.	Automation System of De-Sulphurisation Plant for LD	a) Design, Engineering, Supply, Software Development and Commissioning of Complete Automation System	MICCO (GACL), India	Tata Steel Ltd, India	2008 - 2009

Brief Reference List (As on January, 2016)

	Converter				
19.	Automation System of Sulphuric Acid Concentration Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	EPI Ltd, India	Indian Defence	2006 – 2008
20.	Automation of Gas Gathering and Separation System	a) Design, Engineering, Supply, Software Development and Commissioning of System	L&T, India	ONGC, India	2006 – 2008
21.	Automation of Gas Gathering and Gas Cleaning System	a) Design, Engineering, Supply, Software Development and Commissioning of System	NICCO Projects, India	ONGC, India	2003 – 2008
22.	Automation System of Flare Gas Recovery System	a) Design, Engineering, Supply, Software Development and Commissioning of System	Real Time Engineering Pvt. Ltd.	IOCL, Haldia, India	2007 - 2008
23.	Bar Mill Walking Beam Re-Heating Furnace	a) Supply of PLC Automation & VFD System	Bricmont, India	JSPL, Raigara, Chhattisgarh, India	2007
24.	100 TPH Walking Beam Type Re-	a) Design, Engineering & Supply of Electrical, Automation & VFD System	Bricmont, India	Durgapur Steel Plant, Steel	2006

Brief Reference List (As on January, 2016)

	Heating Furnace for Bar Mill	and Commissioning of Level-1 Automation System		Authority of India Ltd, India	
25.	Automation and Electric System of Iron Ore Handling and Processing Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	Real Time Engineering Pvt. Ltd.	Tata Steel Ltd, India	2003 - 2005
26.	110 TPH Re-Bar Mill Walking Beam Type Re-Heating Furnace	a) Design, Engineering & Supply of Electrical, Automation and VFD System	Bricmont, India	Tata Steel Ltd, Jamshedpur, India	2005
27.	Automation System of ESP Gas Cleaning System	a) Design, Engineering, Supply, Software Development and Commissioning of System	ALSTOM Power Projects Ltd. India	Various Aluminium Process Plants in India	2000 - 2007
28.	Automation of Emergency Shut Down System for Nitrogen Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	Linde India	Several Steel Plants, Oil Refineries etc., India	2004 - 2010
29.	Automation of Emergency Shut Down System for Oxygen Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	Linde India	Several Nos in Many Steel Plants, India	2004 - 2012

Brief Reference List (As on January, 2016)

30.	Automation and Electrics of Coal Washeries and Coal Beneficiation Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	Humboldt & Wedag Ltd, India	Several Nos in Coal Mines and Steel Plants in India	2000 - 2008
31.	PLC Based Automation and Instrumentation System of Steel Plant Oriented Gas Mixing Station	a) Design, Engineering, Supply, Software Development and Commissioning of System	TLT Engineering India Pvt. Ltd., India	Several Nos in SAIL and Private Steel Plant in India	2010 - 2015
32.	PLC Based Automation and Instrumentation System of Steel Plant Oriented Gas Boosting Station	a) Design, Engineering, Supply, Software Development and Commissioning of System	TLT Engineering India Pvt. Ltd., India	Several Nos in SAIL and Private Steel Plant in India	1998 - 2015
33.	Control Revamping and	a) Design, Engineering, Supply, Software Development and	ELMI, Philips India Ltd, India	ELMI, Philips India Ltd, India	1995 - 2003

Brief Reference List (As on January, 2016)

	Upgradation of Filament Lamp Manufacturing Machines	Commissioning of System			
34.	PLC Based Induction Hardening System	a) Design, Engineering, Supply, Software Development and Commissioning of System	Megatherm Pvt. Ltd, India	Several Nos in Automobile Spare Part Manufacturers in India	1998 - 2003
35.	PLC Based Control System for ARC and Laddle Furnace	a) Design, Engineering, Supply, Software Development and Commissioning of System	21st Century Engineering Projects Ltd, India	Modern Steel, Oman	2000 - 2002
36.	SCADA System for 3 x 7.3MW Tista Canal Fall Hydel Power Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	ER&DC, Trivandram, India	West Bengal State Electricity Board, Siliguri, India	2000 - 2002
37.	PLC Based Automation System of Slag Granulation Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	Tata Projects Ltd, India	IMIL, Dalvi, India	2000 - 2001
38.	PLC Automation	a) Design, Engineering, Supply,	Otto India Ltd,	SAIL, Bokaro	

Brief Reference List (As on January, 2016)

	System for Combined Blowing of LD Converter	Software Development and Commissioning of System	India	Steel Plant, India	2000 - 2001
39.	PLC Control System for Wagon Tippler	a) Engineering, Supply, Software Development and Commissioning of System	L&T, India	Jindal Steel Ltd, India	1997 - 1998
40.	PLC Based Automation System for Heat Treatment Furnaces	a) Engineering, Supply, Software Development and Commissioning of System	IPSEN India Pvt. Ltd., India	More than 200 Installation in Automobile Industries in India	1995 - 2015
41.	Control, Electric and Automation of Joy Ride Ropeway	a) Design, Engineering, Supply, Software Development and Commissioning of System	Real Time Engineering Pvt. Ltd.	Damodar Ropeways, Science City, Kolkata, India	1997 - 1998
42.	Power Management and Monitoring System of ITC Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	Real Time Engineering Pvt. Ltd.	ITC Limited, Munger, India	2001 - 2002
43.	Upgradation and	a) Design, Engineering, Supply,	Real Time	ITC Limited,	

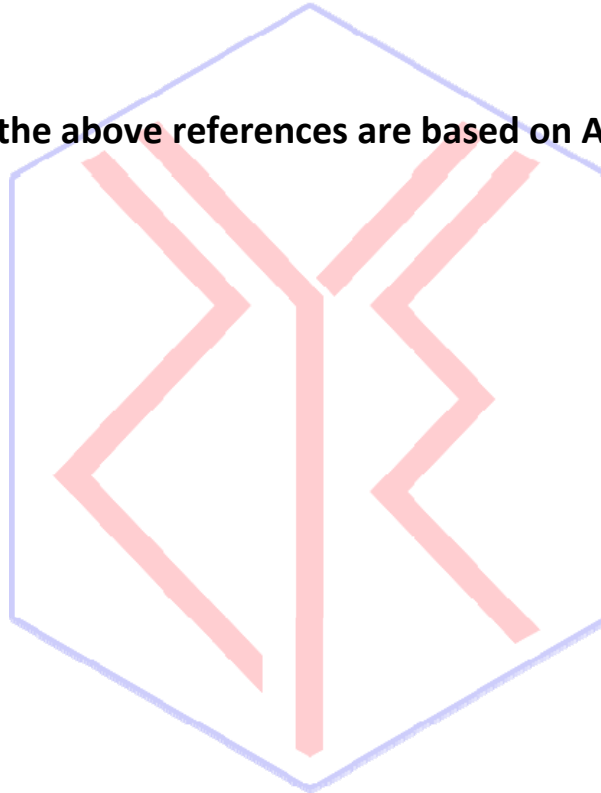
Brief Reference List (As on January, 2016)

	Revamping of Control System and Electrics of Primary Tobacco Processing Plant	Software Development and Commissioning of System	Engineering Pvt. Ltd.	Munger, India	1995 - 2004
44.	Upgradation and Revamping of Control System and Electrics of Secondary Cigarette making Plant	a) Design, Engineering, Supply, Software Development and Commissioning of System	Real Time Engineering Pvt. Ltd.	ITC Limited, Munger, India	1995 - 2004
45.	Automation System of Gas Cleaning ESP System	a) Design, Engineering, Supply, Software Development and Commissioning of System	Orient Engineers, India	Starlite Copper Ltd, Tuticorin, India	1995 - 1996
46.	PLC Based Automation System for Permanent Coal Crushing Unit	a) Design, Engineering, Supply, Software Development and Commissioning of System	Andrew & Yule Co. Ltd., India	Northern Coalfield Ltd, Kankri, India	1994 - 1995

Real Time Engineering
Embedded with Technology

Brief Reference List (As on January, 2016)

Note : All the above references are based on Applications



Real Time Engineering
Embedded with Technology



PT. GUNUNG RAJA PAKSI

Steel Is Our Business



Certificate No: JKT 0500342

Dated: 4TH of February, 2016

Real Time Engineering Pvt. Ltd.
26B, Aswini Dutta Road,
Kolkata: 700029, India

Subject: **Commissioning Certificate** of Automation System Modernization of
Wire and Rod Mill # 1 (WRM-1) at PT. Gunung Raja Paksi, Indonesia

Purchase Order No. : 15-IRP000091, Dated 30.01.2015

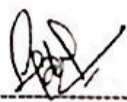
This is to certify that **M/s REAL TIME ENGINEERING PVT. LTD.** has successfully completed the job of Design, Engineering, Manufacturing, Supply, Installation, Software Development, Trial Run, Commissioning and final Handing Over of Automation System Modernization for the complete Wire and Rod Mill # 1 at PT. Gunung Raja Paksi's Steel Plant, Indonesia.

The System has been handed over by M/s Real Time Engineering Pvt. Ltd. to PT. Gunung Raja Paksi in the month of February, 2016 and it is running satisfactorily.

For PT. Gunung Raja Paksi,


B.K. Dutta


Nitin Bhatawdekar


Nitin Senu Patil

HEAD OFFICE & FACTORY: SUKADANAU, RT. 002 / RW. 03, CIBITUNG BEKASI 17520, WEST JAVA - INDONESIA

TELEPHONE : (021) 890-0222, HUNTING (021) 890-0111

FACSIMILE : (021) 890-1588 / (021) 890-0975

URL/E-MAIL : gunungsteel@grdsteel.com

JAKARTA REPRESENTATIVE OFFICE

Jl. Pangeran Jayakarta 105 G, Jakarta 10730, INDONESIA

Telp. : (62-21) 629 8031 (4 LINES), TLX : 41454 GG, IA. Fax. : (021) 649 2734



PT. GUNUNG GARUDA

Steel Is Our Business

COMMISSIONING CERTIFICATE

Date : 10th of September, 2015

To,
Real Time Engineering Pvt. Ltd.
26B, Aswini Dutta Road,
Kolkata-700029,
West Bengal,
India.

Sub : Commissioning Certificate against our P.O: No. 14-IRD000594

This is to certify that Design Engineering, Supply, Software Development and Commissioning of "Control Revamping (Automation System for Beam Plant-2 Tandem Rolling Mill Process)" job against our Purchase Order No. 14-IRD000594 has been successfully completed by you in the month of August, 2015 and the system is running satisfactorily.

For PT. Gunung Garuda,

B.K. Dutta

15/09/2015

Milind Madhukarao

Frank R. Situmorang

HEAD OFFICE & FACTORY : KP/DS. SUKADANAU KEC. CIBITUNG, BEKASI, WEST JAVA - INDONESIA
TELEPHONE : (021) 890-0222, HUNTING (021) 890-0111
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URL/E-MAIL : gunungsteel@grdsteel.com

JAKARTA-REPR. OFFICE : JL. P. JAYAKARTA 105 G, JAKARTA 10730, INDONESIA
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PT. GUNUNG GARUDA

Steel Is Our Business

Dated : 1st of February, 2016

To,
Real Time Engineering Pvt. Ltd.
26B, Aswini Dutta Road,
Kolkata : 700029, India

Subject : Commissioning Certificate of Automation Upgradation of BD Mill and Roughing Mill HMI System for Beam Plant-1 PO 14-IRD000731

This is to certify that **M/s Real Time Engineering Pvt. Ltd.** has successfully completed the job of Installation, trial run, commissioning and final handing over of Automation Upgradation of BD Mill and Roughing Mill HMI System for Beam Plant-1 at **PT. Gunung Garuda**, Indonesia.

The System has been handed over by M/s Real Time Engineering Pvt. Ltd. to PT. Gunung Garuda in the month of January, 2016 and it is running satisfactorily.

For PT. Gunung Garuda,

B.K. Dutta

Milind Madhukarao

Frank R. Situmorang

HEAD OFFICE & FACTORY : KP/DS. SUKADANAU KEC. CIBITUNG, BEKASI, WEST JAVA - INDONESIA
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PT. GUNUNG GARUDA

Steel Is Our Business

Dated: 28th of September, 2015

To,
Real Time Engineering Pvt Ltd,
26B, Aswini Dutta Road,
Kolkata - 700 029, India

Sub : Commissioning Certificate of Combustion Engineering, Electrical, Instrumentation & Level 1 Automation system of 100TPH Walking Beam type Re-Heating Furnace for Beam Plant-1

Purchase order nos. :

1. 14-IRD000165 dtd 14.04.2014 for Instrumentation
2. 14-IRD000166 dtd 14.04.2014 for Automation system
3. 14-IRD000295 dtd 27/06/2014 for Combustion Engineering
4. 15-IRD000072 dtd 30/01/2015 for Electrics

This is to certify that **M/S Real Time Engineering Pvt Ltd**, has successfully completed the job of Design, Engineering, Supply, Supervision of Erection, Commissioning, Trial Run and Handing over of the complete Electrical, Instrumentation & Automation System of the 100 TPH Walking Beam type Re-Heating Furnace for Beam Plant-1 at PT. Gunung Garuda Steel Plant, Indonesia.

M/S Real Time Engineering has also successfully completed the Design, Engineering, and Supervision of Erection & Commissioning of the Combustion System of the above mentioned Furnace.

The Re-Heating Furnace has been working smoothly with full production for last one month.

B.K. Dutta

Milind Madhukarao

Frank R. Situmorang

HEAD OFFICE & FACTORY : KP/DS. SUKADANAU KEC. CIBITUNG, BEKASI, WEST JAVA - INDONESIA
TELEPHONE : (021) 890-0222, HUNTING (021) 890-0111
FACSIMILE : (021) 890-1588 / (021) 890-0975
URL/E-MAIL : gunungsteel@grdsteel.com

JAKARTA-REPR. OFFICE : JL. P. JAYAKARTA 105 G, JAKARTA 10730, INDONESIA
TEL/TELEX/FAX : TELP. (021) 629-8031 (4 LINES), TLX : 41454 GG, IA FAX. (021) 649-2734

TLT ENGINEERING INDIA PVT. LTD.

PROJECT DIVISION

31B, Lake Place, Kolkata - 700 029, Tel : 033 - 2466 9419 / 20, Fax : 033-2466 9418, e-mail : sales@hsgroupcal.com

H. O. : 204, Sumer Kendra, Pandurang Budhkar Marg, Worli, Mumbai-400 018, Tel : 022-24965031-36, FAX : 022-24961073, e-mail : corphq@hs.co.in

COMMISSIONING CERTIFICATE

November 30, 2012

M/s Real Time Engineering Pvt. Ltd
26B, Aswini Dutta Road,
Kolkata – 700 029

Ref: Engineering, Supply, Testing & Commissioning of PLC
System and Control Desk Cum Instrument Panel for GAS
Boosting Station of 3rd Reheating Furnace for Hot Strip Mill At
TATA Steels Limited, Jamshedpur.
TLT P.O. No – 01/971010/20080194 dtd 06/01/2009

Dear Sir,

This has reference to your letter rte/mktg/tlt-cc-01/akd dtd 28.11.2012
requesting us for issuance of Commissioning Certificate against the
aforesaid orders.

The above system has successfully been commissioned on 29.08.2010 and
working satisfactory since then.

The issuance of this certificate is without any prejudice to purchaser's
rights under the contract and the Vendor is not relived from any of the
obligations under the contract.

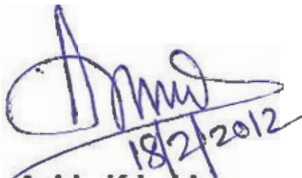
Yours faithfully
For TLT ENGINEERING INDIA PVT LTD


I DUTTA
Vice President
– Project & Group Sales

COMPLETION & COMMISSIONING OF AUTOMATION & INSTRUMENTATION
SYSTEM OF B.F GAS BOOSTING STATION FOR HSM FC 2

This is to certify that M/s Real Time Engineering Pvt. Ltd, Kolkata has supplied the Automation and Instrumentation System comprising of PLC Panel with Rockwell Make Controllogix Hot-Stand-By CPU with necessary IO Modules, HMI Stations, Engineering Station, PC Desk and Instrument Control Panel for our Gas Boosting Station for 3rd Reheating Furnace for Hot Strip Mill through M/s TLT Engineering India Pvt. Ltd, Kolkata.

The Automation System has been successfully commissioned by M/s Real Time Engineering Pvt. Ltd. on behalf of M/s TLT Engineering India Pvt. Ltd, Kolkata and the System is working satisfactorily for last one year.



Ashis K Lahiry
Sr. Manager
Fuel Management Department
Tata Steel Limited
Jamshedpur, Jharkhand

18.02.2012
Jamshedpur



CERTIFICATE OF COMMISSIONING

TO WHOM IT MAY CONCERN

Date: 10.10.2013

THIS REFERS TO OUR ORDER Nos. ITPL/00001511, ITPL/00001512 & ITPL/SRV645 DATED 07-03-2011 PLACED ON **REAL TIME ENGINEERING PVT. LTD.**, 26B, ASWINI DUTTA ROAD, KOLKATA – 700029 FOR DESIGN, ENGINEERING, SUPPLY, ERECTION & COMMISSIONING OF PLC SYSTEMS AT **SONA OKEGAWA PRECISION FORGINGS LTD.**, GURGAON FOR OUR **SEALED QUENCH FURNACE** INSTALLATION.

WE HEREBY CERTIFY THAT **M/S REAL TIME ENGINEERING PVT. LTD.** HAS SUCCESSFULLY COMMISSIONED THE ABOVE SYSTEM IN DECEMBER, 2011.

FOR **IPSEN TECHNOLOGIES PVT. LTD.**

ABHIJIT BANERJEE

EXECUTIVE VICE PRESIDENT

Ipsen Technologies Pvt. Ltd.

Regd Office & Plant · Diamond Harbour Road · Konchowki · Bhasa 743503 · Kolkata.

Phone +91 33 24978314 · Fax +91 33 24978041 · Email info@ipsenindia.com · URL www.ipsenindia.com

COMMISSIONING CERTIFICATE

Date: 19.12.2014

MICCO Order No.1	: MIC/P-351A/015 Dated 17.11.2012
Order No.1 Subject	: Manufacturing, Procurement, Supply and Supervision of PLC System & Installation for Control, Instrumentation and Automation Packages for Augmentation of Water System including installation of New Facilities of Vizag Steel Plant.
Amendment No. 1	: MIC/AMDT/13/102 Dated 19.10.2013
Amendment No. 2	: MIC/AMDT/14/013 Dated 21.04.2014
MICCO Order No. 2	: MIC/P-351A/049 Dated 15.03.2013
Order No.2 Subject	: VFD cum MCC Panel for WWTP (As Per Annexure-I)
Contractor	: M/s. Real Time Engineering Pvt. Ltd.
End User	: Rashtriya Ispat Nigam Ltd., Visakhapatnam Steel Plant, Visakhapatnam - 530031
End User's Contract Nos.	: VSP/CONT/SP-AMR/M-1212/2012-2013 Dated 07.07.2012 and VSP/CONT/6.3 MTPA EXPN/STM/MICCO/INDS/M-1001/2008-2009 Dated 27.03.2009

This is to certify that M/s. Real Time Engineering Pvt. Ltd., 26B Aswini Dutta Road, Kolkata – 700029 has done design, engineering, manufacturing, supply, erection & commissioning of PLC based automation & control system, instrumentation and VFD cum MCC panel for "Augmentation of Water System including installation of New Facilities" of Vizag Steel Plant on behalf of Gillanders Arbuthnot Co. Ltd. (Unit: MICCO) as per our above purchase orders against end-user Vizag Steel Plant's above Contract Nos. with us.

M/s. Real Time Engineering Pvt. Ltd. has also successfully completed erection & commissioning of the above systems and handed over the same on 16/12/2014.

(Authorized Signatory)

(Designation)

For Gillanders Arbuthnot India Ltd. (Unit: MICCO)



GILLANDERS ARBUTHNOT & CO., LTD.

UNIT: MODERN INDIA CONSTRUCTION CO.

D-3/5, GILLANDER HOUSE, 8, NETAJI SUBHAS ROAD, KOLKATA - 700 001, INDIA

PHONE: 4010-2100,3298-6121
2213-8930/8931/8932 FAX

: 91-33-2242-4796

E-MAIL : gismicco@cal vsnl.netin

WEB : www.gismicco.com

CERIFICATE OF COMMISSIONING

TO WHOM it MAY CONCERN

Dtd. 15-06-2010

THIS REFERS TO OUR PURCHASE ORDER NO. M.IC/PROJ-260/002, DTD. 05-02-2005 PLACED ON M/s REAL TIME ENGINEERING Pvt. Ltd, 268, ASWINIDUITA ROAD, KOLKATA — 700 029 FOR DESIGN, ENGINEERING, SUPPLY, ERECTION & COMMISSIONING OF PLC SYSTEM FOR WALKING BEAM TYPE REHEATING FURNACE FOR BILLET MILL FOR SAIL, DURGAPUR STEEL PLANT.

WE HEREBY CERTIFY THAT M/S REAL TIME ENGINEERING Pvt. Ltd. HAS SUCESSFULLY COMMISSIONED THE ABOVE SYSTEM.

P.C.Ghosh

Asst..Vice President

FOR GILLANDERS ARBUTHNOT INDIA LTD.(Unit:Micco)



स्टील अथॉरिटी ऑफ इंडिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
दुर्गापुर इस्पात संयंत्र
DURGAPUR STEEL PLANT

COMMISSIONING CERTIFICATE

Ref No. : ED(PY/SSC/RHF/01/01/466

Date : 09.04.2008

To :

M/s Gillanders Arbuthnot & Co.Ltd.
Unit: Modern India Construction Co.
8, India Exchange Place (8th Floor)
Kolkata -700 001

M/s Brimont, Inc., 500 Technology Drive
Southpointe Industrial park,
Canonsburg, PA 15317-9584

Contract Agreement No: PUR/PC/RHF/1.01/717 Dated 16.12.04
Installation of 110 TPH Walking Beam Type Reheating Furnace.

Dear Sirs,

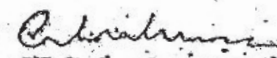
Pursuant to Clause 25 (Commissioning of the Facilities) of the General Conditions of the Contract entered into between yourselves and the Employer dated 16.12.2004, relating to the Installation of 110 TPH Walking Beam Type Reheating Furnace, we hereby notify you that the following part(s) of the Facilities was (were) commissioned on the date specified below, and that, in accordance with the terms of the Contract, the Employer hereby takes over the said part(s) of the Facilities, together with the responsibility for care and custody and the risk of loss thereof but without prejudice to any of the rights of the Employer, on the date mentioned below.

1. Description of the Facilities or part thereof : Installation of 110 TPH Walking Beam Type Reheating Furnace
2. Date of Completion : 09.04.08

However, you are required to complete the outstanding items listed in the attachment hereto as soon as possible.

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defects Liability Period.

Yours faithfully,


(U. Subrahmanya) 11/4/08
DGM (Project)

संपर्क सूची: ऑफिस: 033-2574352, 033-2574353, 033-2574354, 033-2574355, 033-2574356, 033-2574357, 033-2574358, 033-2574359, 033-2574360, 033-2574361, 033-2574362, 033-2574363, 033-2574364, 033-2574365, 033-2574366, 033-2574367, 033-2574368, 033-2574369, 033-2574370, 033-2574371, 033-2574372, 033-2574373, 033-2574374, 033-2574375, 033-2574376, 033-2574377, 033-2574378, 033-2574379, 033-2574380, 033-2574381, 033-2574382, 033-2574383, 033-2574384, 033-2574385, 033-2574386, 033-2574387, 033-2574388, 033-2574389, 033-2574390, 033-2574391, 033-2574392, 033-2574393, 033-2574394, 033-2574395, 033-2574396, 033-2574397, 033-2574398, 033-2574399, 033-2574400, 033-2574401, 033-2574402, 033-2574403, 033-2574404, 033-2574405, 033-2574406, 033-2574407, 033-2574408, 033-2574409, 033-2574410, 033-2574411, 033-2574412, 033-2574413, 033-2574414, 033-2574415, 033-2574416, 033-2574417, 033-2574418, 033-2574419, 033-2574420, 033-2574421, 033-2574422, 033-2574423, 033-2574424, 033-2574425, 033-2574426, 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STEEL AUTHORITY OF INDIA LIMITED
DURGAPUR STEEL PLANT
ELECTRICAL TECHNICAL LABORATORY

FINAL ACCEPTANCE CERTIFICATE

Ref No.: ETL/TEST JIG/FAC/07/2K14/92
Date: 24.07.2014

To
M/s Real Time Engineering Pvt. Ltd.
26B, Aswini Dutta Road,
Kolkata 700 029
West Bengal

Work Order No: DSP/PROJ-PUR/ETL/TEST JIG/305/WO dtd. 01.04.2013

(Supply and Commissioning of One No. Test Jig for ETL Department at DSP)

Dear Sirs,

Pursuant to **Clause 24.00** (Final Acceptance Test) of the Technical Specification, No. DD/TS/2012-446 and Work Order No: DSP/PROJ-PUR/ETL/TEST JIG/305/WO dated 01.04.2013 relating to the Supply and Commissioning of One No. Test Jig for ETL Department at DSP, we hereby notify you that the following part(s) of the Facilities was (were) completed satisfactorily including completion of Defects Liability Period of twelve months after commissioning, on the date specified below, and that, in accordance with the terms of the Contract.

1. Description of the Facilities or part thereof: Supply and Commissioning of One No. Test Jig for ETL Department at DSP
2. Date of Completion: 23.07.2014.

Yours faithfully,

24.07.2014

(Executing Authority)

S. K. DAS
DY. GENERAL MANAGER
ELECTRICAL TECHNICAL LABORATORY
DURGAPUR STEEL PLANT



स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
दुर्गापुर इस्पात संयंत्र
DURGAPUR STEEL PLANT

PRELIMINARY ACCEPTANCE CERTIFICATE

Ref No.: ETL/TEST JIG/PAC/07/2K13/85A
Date: 24.07.2013

To
M/s Real Time Engineering Pvt. Ltd.
26B, Aswini Dutta Road,
Kolkata 700 029
West Bengal

Work Order No: DSP/PROJ-PUR/ETL/TEST JIG/305/WO dtd. 01.04.2013
(Supply and Commissioning of One No. Test Jig for ETL Department at DSP)

Dear Sirs,

Pursuant to Clause 24(Preliminary Acceptance) of the General Conditions of the Contract entered into between yourselves and the Employer dated 01.04.2013, relating to the Supply and Commissioning of One No. Test Jig for ETL Department at DSP, we hereby notify you that the erection, testing & trial runs of the individual unit of the following part(s) of the Facilities was completed successfully on the date specified below. The Facilities are fit for start-up commissioning. However, you shall liquidate all the outstanding defects and / or deficiencies and complete the balance items listed in the attachment hereto, as soon as possible, so that the Facilities are fully in accordance with the requirements of the Contract and commissioning activities of the Facilities can be started. Further, you shall be fully responsible for care and custody of the Facilities and the risk of loss thereof till the issue of commissioning certificate in terms of the Contract.

1. Description of the Facilities or part thereof: Supply and Commissioning of One No. Test Jig for ETL Department at DSP
2. Date of Completion of Trial runs: 23.07.2013

This letter does not relieve you of your obligation to complete the execution, commissioning, establishment of performance guarantee parameters of performance guarantee parameters of the Facilities in accordance with the Contract nor of your obligations during the Defects Liability Period.

Yours faithfully,

24.07.2013

(Executing Authority)

S. K. DAS
DY. GENERAL MANAGER
ELECTRICAL TECHNICAL LABORATORY
DURGAPUR STEEL PLANT

दुर्गापुर 713208, पश्चिम बंगाल, भारत, दूरभाष: कार्यालय 0343-2574300, फैक्स: 0343-2574300, ई-मेल: amimukherjee123@gmail.com, वेबसाइट: www.sail.co.in
Durgapur 713208, W.B., India, Phone: Off 0343-2574300, Fax: 0343-2574300, E-mail: amimukherjee123@gmail.com, Website: www.sail.co.in



स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED

दुर्गापुर इस्पात संयंत्र
DURGAPUR STEEL PLANT

COMMISSIONING CERTIFICATE

Ref No.: ETL/TEST JIG/CC/07/2K13/86A

Date: 26.07.2013

To
M/s Real Time Engineering Pvt. Ltd.
26B, Aswini Dutta Road,
Kolkata 700 029
West Bengal

Work Order No: DSP/PROJ-PUR/ETL/TEST JIG/305/WO dtd. 01.04.2013

(Supply and Commissioning of One No. Test Jig for ETL Department at DSP)

Dear Sirs,

Pursuant to Clause 25 (Commissioning of the Facilities) of the General Conditions of the Contract, relating to the Supply and Commissioning of One No. Test Jig for ETL Department at DSP, we hereby notify you that the following part(s) of the Facilities was (were) commissioned on the date specified below, and that, in accordance with the terms of the Contract, the Employer hereby takes over the said part(s) of the Facilities, together with the responsibility for care and custody and the risk of loss thereof but without prejudice to any of the rights of the Employer, on the date mentioned below:

1. Description of the Facilities or part thereof: Supply and Commissioning of One No. Test Jig for ETL Department at DSP
2. Date of Completion: 24.07.2013

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defects Liability Period.

Yours faithfully,

26.07.2013

(Executing Authority)

S. K. DAS
DY. GENERAL MANAGER
ELECTRICAL TECHNICAL LABORATORY
DURGAPUR STEEL PLANT

दुर्गापुर 713208, पश्चिम बंगाल, भारत; कार्यालय 0343-2574300, फैक्स: 0343-2574300, ई-मेल: amimukherjee123@gmail.com, वेबसाइट: www.sail.co.in
Durgapur 713208, W.B., India, Phone: Off 0343-2574300, Fax: 0343-2574300, E-mail: amimukherjee123@gmail.com, Website: www.sail.co.in



Techno Fab Manufacturing Ltd.

12, Hemanta Basu Sarani, 'Regent House', 2nd floor, Kolkata - 700 069
Ph. : 033-3093-6600, Fax : 033-3093-6601

Date - .02/05/2013

TO WHOM IT MAY CONCERN

This is to certify that M/s Real Time Engineering Pvt. Ltd., Kolkata was associated with us for expansion project "60 TON REFINING CONVERTER" at SMS of Salem Steel Plant (SAIL).

They have performed in the following fields:-

1. Planned, deigned & developed the Automation PLC & SCADA Level-I system for the said project in the segments :
 - A. AOD (Argon Oxygen Decarburization Process)
 - B. FAFA (Ferro Alloy Flux Addition Batching System)
 - C. GCP (Gas Cleaning Plant)
2. Supplied & Installed the PLC & Instrument system panels with associated networked computer systems.
3. They have completed & implemented the Level-I automation system as per plant process. Also they setup & established OPC communication between Level-I & Level-II system for Level-II access.
4. The plant is running more than 20 months & completed around 3100 heats successfully.

We hope that their performance shall remain at par in future / upcoming projects.

SAMARJIT GHOSH
GM - PROJECT EXECUTION
Place: Salem, Tamilnadu.

Techno Fab. Mfg. Ltd.
Salem Steel Plant
SALEM