

VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD
COMPANY PROFILE

COMPANY PROFILE

OFFICE & FACTORY ADDRESS

LOT 3801, BATU 6 ¹/₄, JALAN KLINIK,
BUKIT KEMUNING, SEKSYEN 32,
40460 SHAH ALAM,
SELANGOR DARUL EHSAN.
MALAYSIA.

TEL NO : +603 - 5161 7208/7/6

FAX NO : +603 - 5161 7202

JETTY & YARD ADDRESS

LOT 811, NO. HAKMILIK 2051,
BETING TENGAH,
TELOK PANGLIMA GARANG,
42500 KUALA LANGAT
SELANGOR DARUL EHSAN.
MALAYSIA.

TEL NO : +603 - 3122 1436 / 1424

FAX NO : +603 - 3122 1437

E-MAIL : contact-us@vswsb.com.my

WEB : www.vswsb.com



VANTAGE STEEL WORKSSDN. BHD. KEMUNING ENGINEERING SDN. BHD.	Date	01-Aug-22
	Prepared By	DIANA CHAN
	Page No.	Content Sheet

Content Sheet

Section	Description	Page
1.00	Company Information	1
2.00	Company Objectives	4
3.00	Project Reference List <i>Major Projects Completed and On-Going (> RM 1 Mil)</i>	5
4.00	Principal Activities on Various Industries	23
5.00	Organization Chart	25
6.00	Office and Factory Location Map	26
7.00	Office & Factory Layout at Bukit Kemuning, Shah Alam Jetty & Yard Layout at Telok Panglima Garang, K.Langat	27 28
8.00	Machinery List and Pictures	31
9.00	Tug Boat Specification	

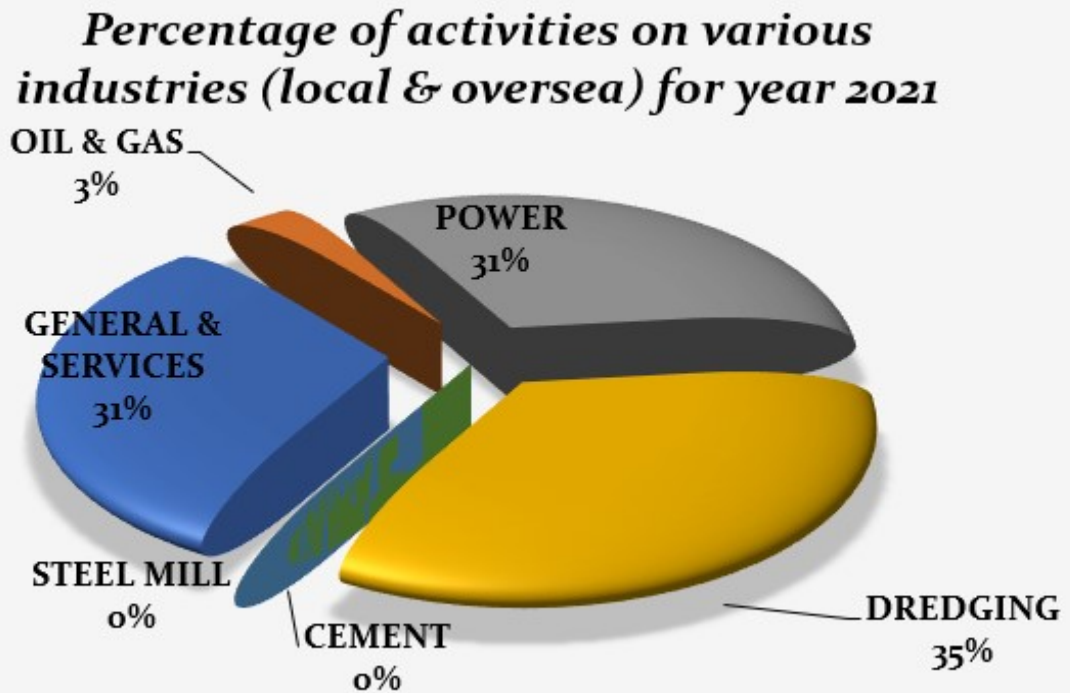
Appendices

Photo Galleries of Completed Projects.
References and Safety Awards.

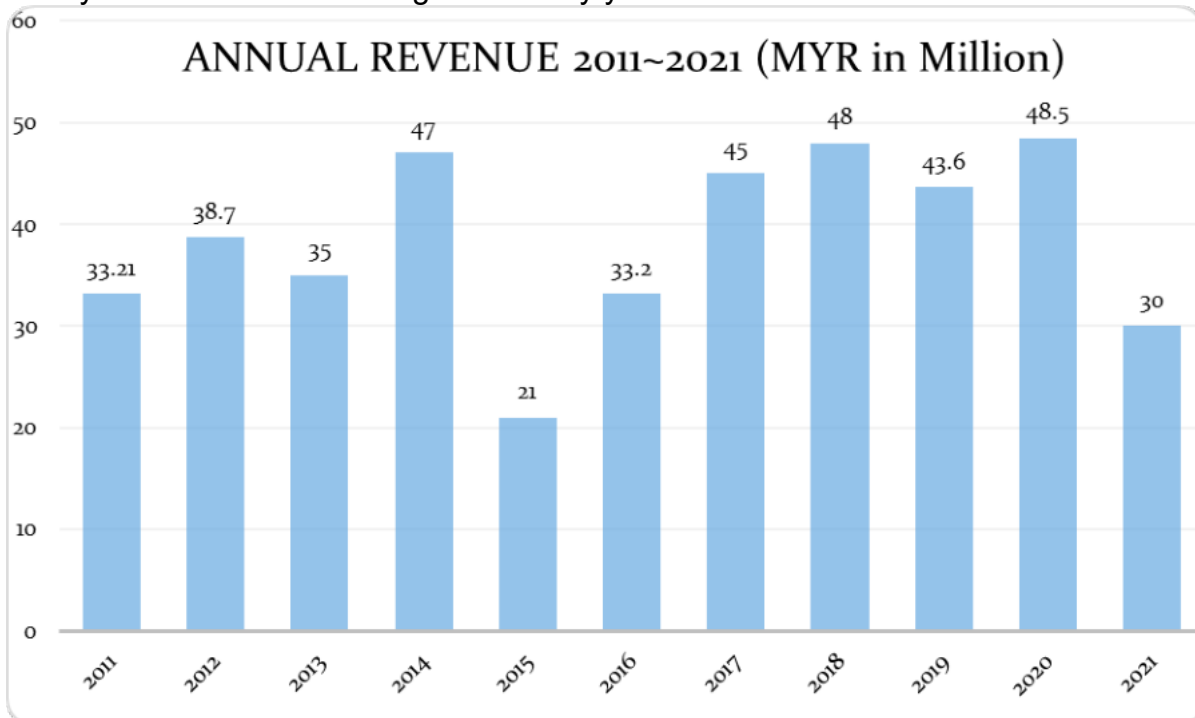
Section 1

(Company Information)

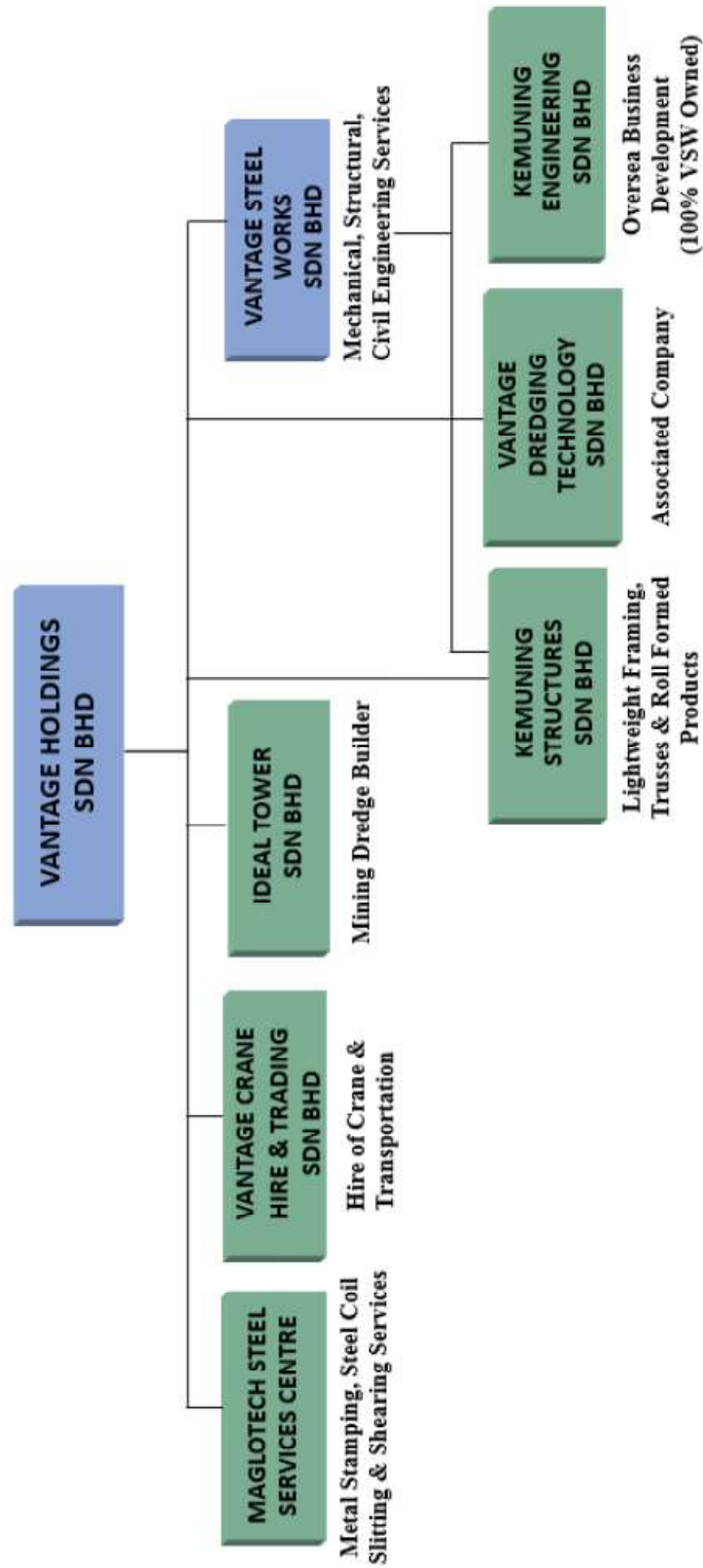
We worked in various industries ranging from Cement plants to Oil and Gas Plants steel works for local as well as foreign countries.



11 years Annual Revenue growth every year.



VANTAGE GROUP OF RELATED COMPANIES



*VSW : Vantage Steel Works Sdn Bhd
 *Updated as of January 2021

Section 2

(Company Objectives)

SECTION 2.00 COMPANY OBJECTIVE

We Are

Incorporated in the year of 1996 who specialized in all kind of steel fabrication works

We Have

- Total land area of 12 acres with a factory shelter area of 17,880 m.sq and open crane gantry area of 5,760 m.sq
- Invested more then MYR 5.00 million of fabrication and machining facilities.

We Provide

Mechanical, Structural of Civil Engineering services in manufacturing, erection and installation works services both local and oversea market

We Deal

In fabrication and Erection of Structural Steel, Mechanical Equipment and Mining Dredges, involving in General Building & Factory, Power Plant, Cement and Oil & Gas Industry

We Encourage

Close liaison between us and customers in all stage of a project involving our manufacturing and erection to ensure smooth operation

We Aim

To satisfy client requirement through our competence in quality assurance services and delivery for both domestic as well as international markets.

Section 3

(Project Reference List)

PROJECT REFERENCE LIST

Major Projects Completed and On-Going (> RM 1 MIL)

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
1	Nippon Sheet Glass, Japan	Malaysia Sheet Glass Bhd	To construction and completion of Chimney Steel Work for JBSF50008 Project At Pasir Gudang, Johor, Malaysia	167MT	Aug-96	May-97
2	KL Consult /Kai Peng Construction Sdn. Bhd.	APMC Sdn. Bhd	Fabricate & Installation of 2 units 11M dia. and 1 units of 7M dia. Silo for Depoh Edaran Simen APMC, S. Alam, Malaysia.	400MT	May-97	Dec-97
3	JGC Corporation / Japan	Shell Refining Company (FOM) Bhd	Fabrication of Steel Structure for Long Residue Catalytic Complex Project, Port Dickson, Malaysia	590MT	Apr-97	Dec-97
4	Technique Design	Kai Peng Holding	Fabrication and installation of 1 unit Slitting and shearing works building at Lot 37901 Jalan Klinik, Mukim Klang, Malaysia	300MT	Aug-97	Jan-98
5	JGC Corporation / Japan	Shell Refining Company (FOM) Bhd	Manufacturing of Equipment Platform, Ladder & Pipe Support for Long Residue Catalytic Project (LRCC-PJ). Port Dickson, Malaysia	2003M2	Jul-97	Apr-98
6	Polysius Engineering S/B	LOMARED	Supply of equipment for a new Pyro-metallurgical Plant in Venezuela	650MT	Dec-97	Oct-98
7	Polysius Engineering S/B	LOMARED	Additional order for Kiln Hood, combustion chamber and outlet housing	56MT	Jun-98	Dec-98
8	Polysius Engineering S/B	LOMARED	Supply and fabricate 3 no Electrostatic Precipitators for a new pyro-Metallurgical plant in Venezuela	515MT	Mac-98	Nov-98
9	T & E Proj.Consult & Kemuning Struc. Steel	BASF, Pasir Gudang	Design, Detailing, Supply, fabricate, painting and erection of compounding plant of 30,000 TPY Ultramid and Ultradur in Pasir Gudang, Malaysia	350 MT	Jun-98	Oct-98
10	KRUPP UHDE/ Polysius Engineering Sdn. Bhd.	Petronas-Gatx-Dialog (Kertih Centralised Terminal Facility)	Kertih Centralised Tanking Facility (KCTF) Resp. Dialog Holdings Sdn. Bhd. Construction of Cup in Tank type Tank, Cryogenic Ammonia Storage Tank, Malaysia .	3000T	Aug-98	Sep-99
11	Polysius Engineering S/B	Krupp Polysius Atlanta	Supply, fabricate & deliver one unit of Dia 4.2 x 50m Rotary Kiln and Dopol Tower Plate works for Sugar Creek Project export to USA	161.3 T 485.3 T	Jan-99	Sep-99
12	Polysius Engineering S/B	Krupp Polysius Atlanta	Supply and fabrication of plateworks and welded construction for Portfa export to USA	345.00T	Jul-99	Feb-00
13	Polysius Engineering S/B	Polysius S.A France	ECFA III – Supply, fabrication, trial assembly, painting and delivery FOB Port Klang for one units of circular mixing bed to be exported to Egypt	210T	Jul-99	Dec-99

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
14	Technip Geoproduction (M) Sdn Bhd	UCC Optimal/ Petronas	Detailing, Supply, Fabrication, galvanize and installation of pipe racks and platforms	2200T	Jul-99	Jun-00
15	Polysius Engineering S/B	Krupp Polysius Atlanta	Sugar Creek #3 – Additional works for Kiln Inlet and outlet seals Export to USA	12.0T	Jul-99	Sep-99
16	ABB Alstom Power	TNB Janamanjung, Manjung Power Pant	Manufacture of (6) six units of Ljungstrom rotary air regenerative preheater.	1330T	Mar-00	Aug-01
17	Polysius Engineering S/B	Krupp UHDE	Steel Structure Reactor R-201 Execution for Kertih LDPE Project Petli, Malaysia		Apr-00	Aug-00
18	JMSB - KMSB - Sime Consortium	MLNG 3, Bintulu, East Malaysia.	Supply of shop fabricated misc steel structures including blasting, painting and delivery FOB Port Klang.	1070T	Jun-00	Sep-01
19	JMSB - KMSB - Sime Consortium	MLNG 3, Bintulu, East Malaysia	Supply of steel casing and structures for convection furnace including blasting, painting and delivery FOB Port Klang.	500T	Jun-00	Apr-01
20	Polysius Engineering S/B	Polysius Atlanta	Fabrication of mechanical equipment for Holy Hill project export to USA (Coal Mill Housing)	440T	Jun-00	Feb-01
21	Polysius Engineering S/B		Supply and fabrication of platework for Branfa Package B (Roller Mill Housing)	280 T	Jun-00	Dec-01
22	Technip Geoproduction (M) Sdn Bhd	LDPE/PETLIN/ PETRONAS	Detailing, Supply, fabrication, painting and erection of secondary steel structures in Kerteh including pipe racks, compressor building and reactor structures for LDPE Project – Lot 2	1100T	Jul-00	Mac-01
23	ABB Alstom Power	TNB Janamanjung	Manjung Fan Casing Steel Works. 6 nos of IDF, 6 nos of FDF and 6 nos of PAF, fabrication, trial assembly, painting and delivery to job site.	560T	Aug-00	Jan-02
24	Dialog Plant Services Sdn Bhd	Petronas CUF Kerteh	Fabrication and Erection of Piping & Steel Structural Works AND Installation of mechanical equipment for UCB Crylcoat Plant Expansion work	125T; 14,000" dia inch	Nov-00	Mar-01
25	Buildtrade/UTOOC Singapore	Jacobs Lend Lease	Fabrication, painting and delivery to S'gp site Pharmaceutical Plant structures including Pipe racks and shelters for Phizer Singapore Tuas.	1650 T	Mar-01	Sep-01
26	Bachmann Industries Australia.	Alstom, Lumut 3	Fabrication of 3 sets of Gas Turbine Exhaust Systems which includes Ducts and Expansion Joints Steel works & insulation works.	240 T	Apr-01	Sep-01
27	Technip Geoproduction (M) Sdn Bhd	BP Amocco	Detailing, Supply, Fabrication, Galvanizing and installation of Pipe racks, support, platform and mics steel works for BP Amoco Kuantan Debottleneck and Waste Water Treatment Plant.	245 T	Apr-01	Oct-01

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
28	Kemuning Engineering Sdn Bhd	JGC Corporation, Yokohama	Supply of embedded plate (additional order)	255 T	May-01	Jun-01
29	Kai Peng Bhd/ STT/ KOCH	Lekir Bulk Terminal, Lumut	Fabrication, Preassembly, Painting and Delivery to job site one unit of Gantry structure for the Ship unloader for Lekir Bulk Terminal Jetty delivery system Projects in Lumut Perak	360 T	Jun-01	Sep-01
30	Dialog Fabricators Sdn Bhd	BASF Petronas	BPC-BDO Complex – Project Structural steel works scope incl Detailing, Fabrication, Galvanizing & Erection of structures at job site.	1500 T	Jul-01	Dec-01
31	Lecorp Technologies (S) Pte Ltd / UTOC Singapore	Jacobs Lend Lease	Detailing, Fabrication, painting and delivery to S'gp site Pharmaceutical Plant structures including Pipe racks and shelters for Glaxo Smith Kline Pharmaceutical Plant in Singapore.	1000 T	Jul-01	Oct-01
32	Alstom Power Asia Pacific S/B	Teknology Tenaga Perlis Consortium Sdn Bhd	3 nos of 6.5 meter diameter stack for Heat Recovery Steam Generator delivered to Perlis Power Plant job site.	480 T	Nov-01	Jun-02
33	Polysius Engineering S/B	Krupp Polysius	Supply, fabrication and delivery FOB Port Klang, Malaysia for 2 units of Circular Mixing Bed and Longitudinal Storage Facility export to Tulnesia. For AMERIFA 3	230 T	Nov-01	Jun-02
34	Polysius Engineering S/B	Krupp Polysius	Supply and fabrication of platework for the codework GIFA –KILN	1186 T	Jan-03	Sep-03
35	Enoch Sdn Bhd	Kolam Renang & Kolam Terjun at Paroi, Seremban	Fabrication and installation of steel roof trusses for project Kolam Renang & Kolam Terjun at Paroi, Seremban		Apr-03	May-04
36	Malaysia Transformer Manufacturing S/B	Malaysia Transformer Manufacturing Sdn Bhd	To fabricate 30MVA Tank & cover full welding tank & cover with shot blasting for 30MVA 33/11kv 55dB complete with core clamp	13 units	Apr-03	Aug-03
37	Megasteel Sdn Bhd	Megasteel Sdn Bhd	Design, construction and completion of the structural steel works, roof and wall cladding and other ancillary works to the proposed hot rolled coil storage yard	1	Oct-03	Apr-04
38	Transwater API Sdn Bhd	Gas Malaysia Sdn Bhd	Gas Metering Station. To provide technical assistance, supervision, labour, equipment/ tools and other necessary try for completion of piping pre- fabrication works and assisting site acceptance test.	1 Lot	Oct-03	Apr-04
39	Kemuning Engineering Sdn Bhd	Polysius Engineering Sdn Bhd	Supply and Fabrication of 1 unit dia 4.6 x 70m long Kiln Shell for Eastver Project	253 T	Jan-04	Sep-04

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
40	Kemuning Engineering Sdn Bhd	JGC Corporation, Yokohama	Supply and manufacturing of platforms including gratings for Sohar Refinery Project	456 T	Feb-04	Oct-04
41	Kemuning Engineering Sdn Bhd	Polysius Engineering Sdn Bhd	Supply and Fabrication of platework for the codeword Eastver	243 T	Mar-04	Sep-04
42	Oil Line Engineering & Associate Sdn. Bhd.	Petronas Gas Berhad	Provision of construction and relocation of facilities affected by LRC closure (Phase 2) at Miri Crude Oil Terminal (MCOT)	10,000" Dia inch	Mar-04	Sep-04
43	Alstom K.K., Japan	Tanjung Bin Power Plant, Johor	Ljungstrom Air Preheater for Tanjung Bin Project	430 T	Apr-04	Jun-06
44	Transwater API Sdn Bhd	Gas Malaysia Sdn Bhd	Piping fabrication and Installation Works for the Skids at EPCC of the service station SS/F/DR Phase 8 '03	44T; 10,000" Dia inch	Apr-04	Nov-04
45	Prestasi Yakin Jaya Sdn Bhd	Perwaja Steel Sdn Bhd	Perwaja- Unloader Crane Refurbishment Work Include repair, blasting and painting		Apr-04	Jun-04
46	Megasteel Sdn Bhd	Megasteel Sdn Bhd	<u>EAF Upgrading Project</u>			
			To fabricate 2 units of round type scrap bucket (including all accessories) for EAF 1 as work unit	2	May-04	Sep-04
47	Prestasi Yakin Jaya Sdn Bhd	Perwaja Steel S/B	Perwaja Steel- 20 tons Wharf Crane Refurbishment Work include repair and blasting /painting	1 Lot	Jun 04	Sept 04
48	Saga Dialog Sdn Bhd	Petronas Fertiliser (Kedah) Sdn Bhd	Piping Installation Works for Petronas Fertiliser (Kedah) S/B	20T; 25,000" Dia inch	July 04	Feb 05
49	ISHI Power Sdn Bhd	Tanjung Bin Power Plant, Johor	Supply, fabricate & deliver Duct support structure, Piperack structure & stair tower structure to the 3x700MW Coal Fired Power Plant at Tanjung Bin, Johor	2107 T	Aug 04	May 06
50	Prestasi Yakin Jaya Sdn Bhd	Perwaja Steel, Kemaman, Terengganu	Fabrication and Erection of Structural Steel for Proposed Wet and Dry Screening and Coating System for DRI Plant at Perwaja Steel, Kemaman, Terengganu	1 Lot	Sept 04	N/A
51	Alstom Power Asia Pacific S/B	Sarawak Hydro Sdn Bhd	Bakun Hydroelectric Project- Turbine Work Package: Stay Ring & Spiral Case. Supply of material, fabrication, painting & coating, welding electrodes, consumable, tools	636 T	Sept 04	May 06

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
52	Ikhlas Kekal Sdn. Bhd.	JGS	CSD 500 Dredger- Fabrication, painting, assembly,(excluding Launching) of completed dredge, Installation of clients' equipment. Exclude Hydraulic) inclusive electrical equipment and wiring	220 T	Oct 04	June 05
53	Kemuning Engineering Sdn Bhd	DSA GmbH, Germany	C 477- Blackwater Supply of steel work and mechanical for two stacker without long travel drive	2 units	Oct 04	May 05
54	ISHI Power Sdn Bhd	Tanjung Bin Power Plant, Johor	Fabrication and Delivery of Miscellaneous Piping for 3x700Mw Coal Fired Power Plant, Tanjung Bin, Johor	2057 T	Nov 04	June 06
55	Kemuning Engineering Sdn Bhd	Polysius Engineering Sdn Bhd	Supply and Fabrication of Platework for BOUSKOUVER Project	211 T	Nov 04	Apr 05
56	Amsteel Mills Sdn Bhd	Amsteel Mills Sdn Bhd	Fabrication of 2 units Furnace Lower Shell for EAF Modification Project	60 T	Dec 04	July 05
57	Amsteel Mills Sdn Bhd	Amsteel Mills Sdn Bhd	Fabrication Job for Scrap Bucket for Amsteel 2 EAF Modification Project	75T	Jan 05	June 05
58	Transwater API Sdn Bhd	Gas Malaysia Sdn Bhd	Fabrication Works for MRS (Rev1) EPCC of GSMB SS/F/DR Phase 13-20 '04 F-Series (28 nos of Skids & 60 nos of Filters)	40T; 10,000" dia inch	Jan 05	Apr 05
59	Kemuning Engineering Sdn Bhd	JGC Corporation, Yokohama	Circular Type Platform and Ladder for Equipment at Ras Laffan, Qatar for Dolphin Project	618 T	Jan 05	April 06
60	Transwater API Sdn Bhd	Gas Malaysia Sdn Bhd	Procurement, Fabrication, Testing, Painting & Commissioning of Service Station F-series and D-series (23 nos of D-skids, 25 nos of F-skids & 43 nos of Filters)	60 T; 14,000" dia inch	May-05	Mar-06
61	Kemuning Engineering Sdn Bhd	Vosta LMG, Holland	Construction of CSD550S Dredger-Booler for Namdeb, Namibia	156 Ton	Feb-06	Sep-06
62	Transwater API Sdn Bhd	Petronas Gas Berhad	Procurement, Fabrication, Testing, Painting, Installation & Commissioning of Plentong Metering Station II project.	80 T; 5000" dia inch	Nov-05	Mid May 06
63	LION Diversified Holdings S/B	Megasteel S/B Perunding SL	Fabrication, erection & installation of structural steel for furnace ,duct bridge, reformer, heat recovery area & piperacks for 1.5 mil ton project at Lot 19319, Kwas Perin. Olak Lempit, Banting.	5400 T	Nov-05	Mar-07
64	Kemuning Engineering Sdn Bhd	VAMH/DSA, Germany	Supply of Steelwork & Mechanical Components and pre assembling for one(1) Stacker without Long Travel Arrangement	34 T	Dec-05	Mar-06
65	Kemuning Engineering Sdn Bhd	JGC Corporation, Yokohama	OLEFIN Plant Project- Circular Platform and Ladder	450T	Feb-06	Dec-06

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
66	Kemuning Engineering Sdn Bhd	JGC Corporation, Yokohama	HAWIYAH NGL Project- Circular Platform and Ladder	160 T	Mar-06	Jan-07
67	ISHI Power Sdn Bhd	Jimah Power Plant	Fabrication and Delivery of Boiler Steel Structure (Columns & Girders) for Project 2 x 700MW Coal Fired Power Plant, Jimah Power Plant, N. Sembilan	1825 T 1260 T	May-06	Dec-07
68	Kemuning Engineering Sdn Bhd	Alstom K.K., Japan	Fabrication of Ljungstrom Air Preheater for Toso Project, Japan	141 T	Jul-06	Aug-07
69	Kemuning Engineering Sdn Bhd	Alstom K.K., Japan	Fabrication of Ljungstrom Air Preheater for Blue Water Project, Australia	139 T	Jun-06	Oct-07
70	Alstom Hydro Malaysia S/B	Sarawak Hydro Sdn Bhd	Thrust Bearing Housing Partial Assembly P40 for the Bakun Hydroelectric Project- Turbine, Sarawak, Malaysia.	56 T	Aug-06	Jun-07
71	IMPISA (Malaysia) Sdn Bhd	Sarawak Hydro Sdn Bhd	Fabrication of Spiral Case and upper and lower part of Stay Ring for Unit 1, 2 and 3 for the Bakun Hydroelectric Project- Turbine, Sarawak, Malaysia.	600T	Aug-06	End Mar 07
72	Kemuning Engineering Sdn Bhd	Leong Jin Corporation Pte Ltd	Manufacturing of Apart 1/Part 2/3-Storey Single User, Single Occupier Factory with Ancillary Office on Lot No:3970CPT MK 06 at Pioneer Walk for M/S Leong Jin Corp Pte Ltd, Singapore	308T	Aug-06	End Nov 06
73	Sumatec Corporation S/B	Petronas Methanol (Labuan) Sdn Bhd	Fabrication of Steel Structure Works for PML Mega Methanol Project in Island of Labuan, Malaysia.	3799 T	Aug-06	Dec-08
74	Kemuning Engineering Sdn Bhd	VOSTA LMG BV, The Netherland	Manufacturing, services and delivery of the construction of the lost parts of the dredge for Namdeb Diamond Corporation Ltd., Namibia.	54 T	Oct-06	Dec-06
75	ISHI Power Sdn Bhd	Jimah Power Plant	Prefabrication works of Miscellaneous Piping for 2x700MW Coal Fired Power Plant, Jimah, Negeri Sembilan, Malaysia	1365 T	Nov-06	End Dec 07
76	Kemuning Engineering Sdn Bhd	INCO Australia Mgmt Pte Ltd	1) Supply and Delivery of Launderers and Chutes for GORO-Nickel Project. Australia.	70 T	Dec-06	May 08
77	VA Tech Holdings (M) Sdn Bhd	Mycron Steel CRC Sdn Bhd	Manufacture, Supply and Deliver to Site Vertical Entry and Exit Looper Steel Structure for Cold Rolled at Mycron Steel CRC Sdn Bhd , Malaysia	200 T	Mar-07	Mid Oct 07
78	VA Tech Holdings (M) Sdn Bhd	Mycron Steel CRC Sdn Bhd	Detailed Engineering design of Looper Structure		Jan-07	Apr-07
79	Kemuning Engineering Sdn Bhd	IHC Holland NV, Singapore	Fabrication and delivery of Gantry Structure for Marine Dredges – FOB Port Klang, Malaysia	340 T	Jan-07	Jan-08

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
80	Kemuning Engineering Sdn Bhd	JGC Corporation, Yokohama	SGP Prefurn Project - Supply of Shop Fabricated Structural Steel to Bintulu, Sarawak, Malaysia	342 T	Feb-07	Dec-08
81	VA Tech Holdings (M) Sdn Bhd	Mycron Steel CRC Sdn Bhd	Manufacture, Supply and Deliver to Site Vertical Entry and Exit Looper Steel Structure for Cold Rolled at Mycron Steel CRC Sdn Bhd, Malaysia	200 T	Mar-07	Mid Oct 07
82	Dialog Otec Sdn Bhd	Shell ECC Singapore	Fabrication works for piping and pipe supports inclusive of hydrotest works for large diameter piping and special fittings for Project 04217 Shell ECC Singapore	517 T	Apr-07	End Dec 07
83	Kemuning Engineering Sdn Bhd	Polysius Engineering Sdn Bhd	Supply & Fabrication of plateworks for the AMERAFA, USA	88 T	Jul-07	Dec-07
84	Amsteel Mills Sdn Bhd	Amsteel Mills Sdn Bhd	To Supply Labour, Material, Consumables, Tools And Equipment To Fabricate Three (3) Units of Shore Crane Pedestals Including Site Erection And Welding For The Crane Foundation For Jetty / River Project, Banting, Selangor, Malaysia.	108 T	Jul-07	Jan-08
85	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Manufacture of Axial Fan Static Parts for the COFFEEN # 2 project (Left & Right parts) to USA	107 T	Aug-07	Feb-08
86	Kemuning Engineering Sdn Bhd	Vosta LMG BV, The Netherland	Construction, manufacturing, services and delivery of the bottom door system, overflow pipe, bow coupling installation sliding piece and trailing suction pipe.	90 T	Aug-07	Oct-08
87	Kemuning Engineering Sdn Bhd	Transwater API Sdn Bhd	Supply, Fabrication and Manufacturing of Roller Station 1 & 2 for the TEXFA-2 Project to USA	116 T	Sep-07	Feb-08
88	Kemuning Engineering Sdn Bhd	INCO Australia Mgmt Pte Ltd	Special piping Items & Rubber Line Pipe & Fittings for INCO Australia		Nov-07	May-08
89	Dialog E & C Sdn Bhd	Tanjung Langsat Port Sdn Bhd	Supply, Fabrication, Erection and Painting of Structural Steel Works for External Common Piperack Project at Tanjung Langsat Port, Johor, Malaysia.	700 T	Nov-07	Apr-08
90	Kemuning Engineering Sdn Bhd	Vosta LMG BV Amsterdam	Construction and delivery of components and services of a cutter section dredger CSD 750S (Mono Hull) for GANGA, India	770 T	Jan-08	Jan-10
91	Kemuning Engineering Sdn Bhd	Alstom K.K., JAPAN	Fabrication of Ljungstrom Air Preheater for Cairo West Project, USA- 4sets/ 2 boilers	590 T	Jan-08	Mar-09
92	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Manufacture of 4 sets at Axial Fan Static Parts for IATAN ID Project (2Left and 2 Right) to USA	162 T	Jan-08	Jul-08

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
93	Kemuning Engineering Sdn Bhd	FLSmidth MVT Gmbh, Germany	Manufacture of Mobile Crusher for ISPM Australia	1336 T	Feb-08	Feb-09
94	Alstom Hydro Malaysia S/B	Alstom Hydro Malaysia S/B	Manufacture of Turbine Dilatation Piece for Bakun Hydroelectric Project- Turbine, MALAYSIA	123 T	Feb-08	Nov-08
95	Kemuning Engineering Sdn Bhd	TCM Corporation, JAPAN	Manufacturing of 8 units Rubber Tired Gantry (RTG) Cranes for North Port, Malaysia.	627 T 8 units	Mar-08	Oct-08
96	Dialog Fabricators Sdn Bhd	Melaka Refinery	Piping Prefabrication (Offsite) Exotic for the Melaka Refinery PSR-2 Revamp Project	2000 T 26,000" dia inch	Jun-08	Oct-09
97	Kemuning Engineering Sdn Bhd	Alstom K.K., Japan	Fabrication of Ljungstrom Air Preheater for Tanjung Jati B Expansion Project TJB 3&4, Indonesia 1) Unit 3- Apr 09- 2 sets 2) Unit 4- July 09- 2 sets	748 T	Jun-08	Jul-09
98	Kemuning Engineering Sdn Bhd	Vosta LMG BV Amsterdam	Delivery of components & services for assembly of CSD 600	449 T	Aug-08	Dec-09
99	Kemuning Engineering Sdn Bhd	Vosta LMG BV Amsterdam	Delivery of gantries, hopper unloading, Trailing pipes for 4500 M3 Split Hopper Dredge – 3 sets	390 T	Aug-08	Jun-09
100	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Manufacture at Axial Fan Static Parts for JW TURK Project (Left & Right) to USA	89.77 T	Aug-08	Dec-08
101	Kemuning Engineering Sdn Bhd	Vosta LMG BV Amsterdam	Delivery of Cutterladder 1) VOSTA LMG – 7 Sept 2009 2) ASL Shipyard – 7 Sept 2010	1500 T (750 T each)	Oct-08	End Apr 2011
102	ALSTOM Hydro (Switzerland) Ltd	ALSTOM Hydro (Switzerland) Ltd	Fabrication & Supply of Hatch Cover compl + Hatch Frame compl 1) Unit 1 & 2 – 23 Feb 09 2) Unit 3 & 4 – 22 June 09	141.6 T (35.4 T each)	Oct-08	Oct-09
103	Kemuning Engineering Sdn Bhd	TCM Corporation, JAPAN	Manufacturing of 5 units Rubber Tired Gantry (RTG) Cranes for North Port, Malaysia.	392 T5 units	Dec-08	Jun-09
104	Misi Setia Oil & Gas Sdn Bhd	Misi Setia Oil & Gas Sdn Bhd	Additional Pipe Prefabrication (Off-Site) Carbon Steel for the Melaka Refinery PSR-2 Revamp Project Sungai Udang, Melaka, Malaysia		Dec-08	Aug-09
105	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Manufacture of Axial Fan Static assemblies for Sandy Creek site, USA – 2 sets	99 T (49.5T each)	Mar-09	Aug-09
106	Kemuning Engineering Sdn Bhd	HATCH Ltd Canada	Supply & Fabrication of PS001A – 2 sets Bottom Support Rings including receipt, storage and installation for Koniambo Project at New Caledonia	550 T	Apr-09	Jun-10

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
107	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Manufacture of Axial Static Parts for Coronado 2 Project, USA – 2 sets	100 T	Jun-09	Jan-10
108	Kemuning Engineering Sdn Bhd	Alstom K.K., JAPAN	Fabrication of Ljungstrom Air Preheater for PAITON Expansion Project, Indonesia - 2 sets, 1 boiler	464.2 T	Jul-09	Jun-10
109	Saga Dialog Sdn Bhd	Tanjung Langsat Port Sdn Bhd	Fabrication, Erection & pre-commissioning of Pipe works at FO site for EPCC f Tg Langsat Terminal 1 at the Port of Tanjung Langsat, Johor.	36 T 60,000 dia inch	Aug-09	Jan-10
110	Kemuning Engineering Sdn Bhd	BCI Engineering, U SA	Fabrication of 1 unit Ore Indurating Machine consisting Drive wheel, Tipping wheel and Main drive for Essar Project, India	240 T	Sep-09	Mar-10
111	Kemuning Engineering Sdn Bhd	Vosta LMG BV Amsterdam	Delivery and services for Construction of CSD500 to Amman, Jordan.	132 T	Sep-09	Apr-10
112	Kemuning Engineering Sdn Bhd	Vosta LMG BV Amsterdam	Dredge Equipment for ship set 2008.0.1122 & 2008.0.1123 to Inai Kiara, Malaysia.	472 T	Sep-09	Jun-10
113	Kemuning Engineering Sdn Bhd	HATCH Ltd Canada	Supply fabrication Hold Down Ring Beams & Roof Dome Skew Rings for Koniambo Project at New Caledonia	116 T	Dec-09	Jul-10
114	Kemuning Engineering Sdn Bhd	Petrochemical & Power Plant Services S/B	Off-Gas Duct Fabrication Work (complete Lot-2 ducts) Variation Order for fabrication of Additional Ducting & Secondary Structures	702 T 98 T	Jan 10 July 10	End Mar 2011 End Mar 2011
115	Kemuning Engineering Sdn Bhd	Alstom K.K., JAPAN	Fabrication of Ljungstrom Air Preheater for HITACHINAKA Unit 2 Project for The Tokyo Electric Power Company Incorporated, Japan. - Package 1 Unit A&B and Package 2	684 T	July 2010	Mid May 2011
116	Kemuning Engineering Sdn Bhd	TCM Corporation, JAPAN	Manufacturing of 5 units Rubber Tired Gantry (RTG) Cranes for North Port, Malaysia.	392 T 5 units	Feb-10	End Oct 2010
117	Kemuning Engineering Sdn Bhd	BCI Engineering, U SA	Fabrication of 1 unit Iron Ore Indurating Machine consisting Drive Wheel, Tipping wheel and Main Drive (Single drive) for JSW Project	142 T	Feb-10	Oct-10
118	Kemuning Engineering Sdn Bhd	HATCH Ltd Canada	Supply fabrication, surface treatment and completion FCA river side wharf of Furnace Steel Work- Steel for Koniambo Project at New Caledonia	140 T	Mar-10	Oct-10
119	Kemuning Engineering Sdn Bhd	Koniambo Nickel SAS	Manufacturing and Supply of Water Cooled Roof Panels for Koniambo Nickel Project, New Caledonia	173 T	Jan-11	Nov-11

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
120	Kemuning Engineering Sdn Bhd	Vosta LMG BV Amsterdam	Dredge Equipment for Order 2010.10.1135 for CSD 600S to Jordan Modern Industries, Amman, Jordan	230 T	Dec-10	Oct-11
121	Vantage Dredging Technology S/B	Lion Waterway Logistics S/B	Design manufacture, supply, delivery, testing & commissioning of One(1) unit CSD 450S inclusive of spare parts and one man accommodation cabin for the River Dredging Work for Messrs Lion Waterway Logistics S/B	119 T	Jan-11	May-12
122	Kemuning Engineering Sdn Bhd	HATCH LtdCanada	Supply raw material, tools and equipment, consumable, skill labor to fabricate, assembly and delivery FOB Port Klang for 24 Electrode Columns-Upper Assembly for Qinghai Salt Lake Industry Group: Golmud – QSLG, China	800 T	Feb-11	July-12
123	Kemuning Engineering Sdn Bhd	HATCH Ltd Canada	Supply raw material, tools and equipment, consumable, skill labor to fabricate, assembly and delivery FOB Port Klang for 6 Electrode Columns-Upper Assembly for Qinghai Salt Lake Industry Group: Haina – QSLG, China	200T	Feb-11	Dec-11
124	Vosta LMG BV Amsterdam	Selat Melaka Shipyard, Pulau Lumut, Malaysia	Fabrication, Supply & Delivery of; 1) Draghead Gantry PS & SB 2) Intermediate Gantry PS & SB 3) Trunnion Gantry PS & SB 4) Service Frame PS & SB for Order No. 2009.0.1131 to Selat Melaka Shipyard, Pulau Lumut, Malaysia	92 T	Feb-11	Sept 2012
125	Vosta LMG BV Amsterdam	Selat Melaka Shipyard, Pulau Lumut, Malaysia	Fabrication, Supply & Delivery of; 1) Draghead Gantry PS & SB 2) Intermediate Gantry PS & SB 3) Trunnion Gantry PS & SB 4) Service Frame PS & SB for Order No. 2009.0.1132 to Selat Melaka Shipyard, Pulau Lumut, Malaysia	92 T	Feb-11	Sept 2012
126	Alstom K.K., Japan	Manjung Power Station, Malaysia	Supply & Fabrication of Sector Plate for Air Preheater Manjung Power Station, Malaysia	142 T	Jul-11	Nov-11
127	Osborne & Chappel Sdn Bhd	Osborne & Chappel Sdn Bhd	Repairing pontoons, Refloating and Stabilizing of Partially Submerged Dredge at 5th Mile Stone, Batu Gajah-Tg Tualang Rd Perak, Malaysia		Aug-11	Feb-12
128	Osborne & Chappel Sdn Bhd	Osborne & Chappel Sdn Bhd	Additional six (6) compartments Double Plating Works for SMTD Tanjong Tualang Ex-TT5 dredge		Feb-12	May-12
129	Kemuning Engineering Sdn Bhd	JGC Corporation, Yokohama	Supply & Fabrication of Platform & Ladder for Singapore Hydro-Desulfurization Projects at Jurong Island, Singapore, for ExxonMobil Asia Pacific Pte Ltd	176 T	Oct-11	Jun-12

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
130	Kemuning Engineering Sdn Bhd	IHI Corporation, Singapore	Fabrication, Painting and Deliver (CIF) 1) HRSG Restraints for the HRSG of Touden Kashima Project (KM-7) in Japan 2) HRSG Baffle Plates for the HRSG of Touden Kashima Project (KM-7) in Japan	265T94T	Jan 12 Feb 12	July 2012 Aug 2012
131	Kemuning Engineering Sdn Bhd	FLSmidth Pty Ltd, Australia	Fabrication for Mobile Stacking Conveyor Parts including of Guard Assembly, Track Panel, Tail Section Guard, Wear Liner Plate, Track Frame DSA, Grizzly Bar Support, MSC Hopper Chute, Containment Hood, Jack Base.	40 T	Nov-11	Apr-12
132	Kemuning Engineering Sdn Bhd	TCM Corporation, JAPAN	Manufacturing of TCM RTG Crane (10 units) for North Port Malaysia	784 T	Feb-12	End Sept-12
133	Kemuning Engineering Sdn Bhd	Dialog Fabricators S/B	Fabrication and Installation of Superstructural steel works for Tarpon System Marginal Oil Field Platform – 4 sets	1000 T	Jan-12	Jun-12
134	Kemuning Engineering Sdn Bhd	TCM Corporation, JAPAN	Manufacturing of TCM RTG Crane (17 units) for North Port Malaysia	1333 T	Aug-12	Apr-13
135	LINDE Malaysia Sdn Bhd	LINDE Malaysia Sdn Bhd	Supply & Fabricate and install Mk6 MCP- 342 units	85.5 T	Feb-12	Dec-12
136	ANDRITZ Ulu Jelai Project Sdn Bhd	Tenaga Nasional Berhad, Malaysia	Diversion Tunnel Stoplogs and Main Flushing Gates for Ulu Jelai Hydroelectric Project	81 T	Mar-12	May-13
137	Alstom Hydro Malaysia S/B	Tenaga Nasional Berhad, Malaysia	Supply & Fabrication of Spiral Case and Embedded Parts for Hulu Terengganu Hydroelectric Project	86 T	Jun-12	Sept 2013
138	Kemuning Engineering Sdn Bhd	Corporación Nacional del Cobre de Chile, CODELCO	Requisition No 11FP63R038 Structural Elements for Flash Furnace for the project Design Improvement of Flash Furnace Settler	440 T	Aug-12	Feb-13
139	Asian Offshore Services Sdn Bhd	Murphy Sarawak Oil Co., Ltd.	Steel Fabrication works for 40 Men Living Quarters Modular for Serendah Accommodation Topside Facilities for Murphy Sarawak Oil Co., Ltd.	250 T	Jul-12	Jan-13
140	Dialog Fabricators Sdn Bhd	Northern Oil Refinery Pty Ltd	Fabricate and Painting of 10 units of API 650 Storage Tank for 3679 Northern Oil Refineries Pty Ltd Gladstone Refinery Project	165.7 T	Aug-12	Feb-13
141	ANDRITZ Ulu Jelai Project Sdn Bhd	Tenaga Nasional Berhad	Supply of Turbine Parts for Ulu Jelai HEPP Malaysia Project	286 T	Sep-12	Jun-14
142	ANDRITZ Ulu Jelai Project Sdn Bhd	Tenaga Nasional Berhad	Supply of Hydromechanical Equipment for Ulu Jelai Hydroelectric Project, Malaysia	90.53 T	Sep-12	Apr 2014

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
143	Teras Teknologi Sdn Bhd	Teras Teknologi Sdn Bhd	Manufacturing & Installation of 5 units Full Gantry at selected location PLUS NSE.	25 T	Nov-12	Feb-13
144	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Fabrication & Supply of 1 set of left & right Axial Fan Static Parts for Pawnee project.	100 T	Dec-12	May-13
145	LINDE Malaysia Sdn Bhd	LINDE Malaysia Sdn Bhd	Supply & Fabricate and install Mk6 MCP- 387 units	96.7 T	Jan-13	Apr-13
146	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Supply and Fabrication of 1 set AirPreheater Parts for Termotasajero Project Number H008516	159 T	Jan-13	Mid Sept 2013
147	ANDRITZ Ulu Jelai Project Sdn Bhd	Tenaga Nasional Berhad	Supply of Turbine Parts 2nd Lot for Ulu Jelai Hydroelectric Project, Malaysia	90.53T	Mar-13	Mid Dec 2014
148	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Supply and Fabrication of 1 set Air Preheater Parts for Davao Project Number H008522/02	116 T	Apr-13	End Oct 13
149	Kemuning Engineering Sdn Bhd	Howden UK Limited, Belfast, North Ireland	Supply and Fabrication of 1 set Air Preheater Parts for Davao Project Number H008522/01	116 T	Apr-13	Dec-13
150	ANDRITZ Ulu Jelai Project Sdn Bhd	Tenaga Nasional Berhad	Supply & Fabrication of Bottom Outlet Gates for Ulu Jelai Hydroelectric Project, Pahang, Malaysia	231.6T	May-13	Mid Nov 2014
151	ANDRITZ Ulu Jelai Project Sdn Bhd	Tenaga Nasional Berhad	Supply & Fabrication of Power Intake Gates for Ulu Jelai Hydroelectric Project, Pahang, Malaysia	132.8T	May-13	End Nov 2014
152	JGC (Malaysia) Sdn Bhd	Petronas LNG 9 Sdn Bhd	Shop Fabrication of Steel Structure for Petronas LNG Train 9 Project, Malaysia.	1354T	Jun-13	Sep-14
153	JGC (Malaysia) Sdn Bhd	Petronas LNG 9 Sdn Bhd	Supply & Fabrication of Platform & Ladder for Petronas LNG Train 9 Project, Malaysia.	330T	Jun-13	Sep-14
154	Kemuning Engineering Sdn Bhd	IHI Corporation, Singapore	Supply & Fabricate Coal Bunkers for Cochrane Thermoelectric Power Plant Project, Chile Unit 1- Delivery FOB Mar 2014 Unit 2- Delivery FOB Mid July 2014	593 T	Sep-13	Sep-14
155	Kemuning Engineering Sdn Bhd	IHI Corporation, Singapore	Supply & Fabricate Monorail Beams for Cochrane Thermoelectric Power Plant Project, Chile Delivery FOB: Dec 2013 & Mar 2014	71.26 T	Sep-13	Sep-14
156	JGC (Malaysia) Sdn Bhd	JGC (Malaysia) Sdn Bhd	Repair Pipe Cargo Bucket - 105 sets	550T	Dec-13	End Apr 2014
157	Kemuning Engineering Sdn Bhd	Howden Denmark APS	Supply and Fabrication Axial Fan Static Parts (Left & Right) - (1 set: 2 pcs) for Flint Creek Project, USA	100 T	Jan-14	Jun-14

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
158	Terex/Jaques (International) Sdn Bhd	Terex/Jaques (International) Sdn Bhd	Fabrication of Structural Base MJ 47	45.72 T	Jan-14	Apr-14
159	Kemuning Engineering Sdn Bhd	BCI Mechanical Fabrication Sdn Bhd	Fabrication of SNIM Dumper Cage- 1 unit	118 T	Jan-14	End Oct 2014
160	Kemuning Engineering Sdn Bhd	Howden Denmark APS	Supply and Fabrication Axial Fan Static Part- 1 pc for Northeastern #3 Project, USA	58.87 T	Feb-14	Aug-14
161	Kemuning Engineering Sdn Bhd	Howden Denmark APS	Supply and Fabrication Axial Fan Static Part - 4 pcs for Welsh Project, USA	210.08T	Mar-14	Oct 14 (2pcs) Dec14 (2pcs)
162	Tech Infinity Engr Sdn Bhd	Petronas Gas Berhad	Fabrication works for Launcher, Block Valve and Receiver and Metering Skid for PRAI PRISM Lateral II Project	65 T ; 6000DI	Jun-14	Feb-15
163	JML Maintenance Sdn Bhd	Jimah Power Plant, N. Sembilan	Fabrication & Supply 2 units of Economizer Coils to Jimah Power Plant, N.Sembilan, Malaysia	356 T	Jul-14	Dec-14
164	Asian Offshore Services Sdn Bhd	Asian Offshore Services Sdn Bhd	Structural Fabrication works for 15 cabins Provision for Jack Up Barge 100 Accomodation project.	10.82 T	Oct-14	Apr-15
165	JML Maintenance Sdn Bhd	Tanjung Bin Power Plant	Fabrication & Assembly works for 3 units of Economizer Coils to Tanjung Bin Power Plant, Pontian, Johor, Malaysia	534 T	Oct-14	Oct-15
166	Kemuning Engineering Sdn Bhd	Howden Axial Fans APS, Denmark	Supply and Fabrication Static Parts Total - 4 pcs (Left 2 pcs & Right 2pcs) for Craig Project, USA	72 T	Dec-14	Jun 2015 Sept 2015 Dec 2015 Feb 2016
167	Kemuning Engineering Sdn Bhd	IHI Corporation, Singapore	Supply Embedded Material for Safi Independent Power Project, Morocco for Boiler Structure - 2 units and Mill Pulveriser -2 units	174 T	Jan-15	May-15
168	JML Maintenance Sdn Bhd	Nippon Sheet Glass Plant	Supply Listed Raw Materials, Tools, Equipment, Gases and Skilled Labour for Fabrication and Delivery FOT inclusive of Painting Works and Ex-Workshop Delivery for MSGT JB2F Cold Repair Works for NSG Plant, Johor	200T	Feb-15	Jun-15
169	Malaysia Transformer Manufacturing S/B	Malaysia Transformer Manufacturing S/B	Supply of Complete Tank 30MVA 203 (Rev F) - 18 units	18 units	May-15	Aug-16
170	METIX Malaysia Sdn Bhd	METIX Malaysia Sdn Bhd	Structural Fabrication works for Sakura Project, CIF Bintulu Port	96 T	Jun-15	Aug-15
171	JGC (Malaysia) Sdn Bhd	JGC (Malaysia) Sdn Bhd	Fabrication and Supply of Steel Structure Tank 7 New Jetty - PAF Project	424.21 T	May-16	Sep-16

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
172	Kemuning Engineering Sdn Bhd	Howden UK Limited	Fabrication and Supply of Heater Rotor, Static Parts and Miscellaneous partd for Four Corners Unit A,B,C, & D Project at USA	1320 T (330T each)	Aug-15	May-16
173	LINDE Malaysia Sdn Bhd	LINDE Malaysia Sdn Bhd	Supply, Fabricate & Install Bundle Frame MK6 MCP-416 units	101.5 T	Sep-15	Nov-15
174	Kemuning Engineering Sdn Bhd	Whesoe Phillippines Construction, Inc	Supply, Manufacture, Delivery to CIF Laem Cha Bang Port for 22nos of 132 Slip On, Flat Face Flanges at Pumping Station and Site Erection & Installation Works for Package 2 Hydro- Mechanical Equipment For Xayaburi Hydroelectric Power Project.	68 T	Sep-15	Mar-16
175	Kemuning Engineering Sdn Bhd	Whesoe Phillippines Construction, Inc	Supply, Manufacture, Machining, Hot Dip Galvanized Packing and Delivery to CIF LAEM CHABANG Port c/w Site Erection & Installation Works for Studs, Nuts and Washers of 132 Flanges at Pumping Package 2 Hydro-Mechanical Equipment for Xayaburi Hydroelectric Power Project.	40 T	Sep-15	Mar-16
176	Kemuning Engineering Sdn Bhd	Sarens NV	Supply, Fabrication, Surface Coating and Delivery FOB Port Klang for 12 units Spreader Steel Mats.	163.8 T	Nov-15	Dec-15
177	JML Maintenance Sdn Bhd	JML Maintenance Sdn Bhd	Fabrication of Piping and Structural Support (approximately 45,000" DI)		Jan-16	Jun-17
178	ISHI Power Sdn Bhd	Jimah Power Plant	Fabrication & Delivery Of Boiler Top Girder (Unit 1 & 2) for 2x1000 MW Coal Fired Power Jimah Power Plant, N. Sembilan (Unit 1 & 2)	820 T	Feb-16	Jan-18
179	ISHI Power Sdn Bhd	Jimah Power Plant	Fabrication & Delivery Of Steel Structure Beams (Unit 1 & 2) for 2x1000 MW Coal Fired Power Jimah Power Plant, N. Sembilan (Unit 1 & 2)	4453 T	Feb-16	Jan-18
180	ISHI Power Sdn Bhd	Jimah Power Plant	Fabrication & Delivery Of Chequered Plates (Unit 1 & 2) for 2x1000 MW Coal Fired Power Jimah Power Plant, N. Sembilan (Unit 1 & 2)	496 T	Feb-16	May-18
181	ISHI Power Sdn Bhd	Jimah Power Plant	Fabrication & Delivery Of Handrails & Ladders (Unit 1 & 2) for 2x1000 MW Coal Fired Power Jimah Power Plant, N. Sembilan (Unit 1 & 2)	581 T	Feb-16	Apr-18
182	Kemuning Engineering Sdn Bhd	Whesoe Phillippines Construction, Inc	Supply, Manufacture, Delivery to CIF Laem Cha Bang Port for 22nos of 132 Slip On, Flat Face Flanges at Pumping Station and Site Erection & Installation Works for Package 2 Hydro- Mechanical Equipment For Xayaburi Hydroelectric Power Project.		May-16	Oct-16

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
183	W2R AGGLOMERATION SOLUTIONS S/B	W2R AGGLOMERATION SOLUTIONS S/B	Supply Fabrication, Inspection & testing, Surface Treatment & Painting. Exworkshop for Conveyor, Structure, Handrail & Supports (Sakura "BREX" Plant)	96 T	Jun-16	Sep-16
184	Kemuning Engineering Sdn Bhd	Howden UK Limited	2 Units Air Preheater for Java Island project	146 T	Aug-16	Aug-17
185	Transwater API Sdn Bhd	Transwater API Sdn Bhd	Supply Material, Fabrication Piping & Structure Work, Inspection & Testing, Blasting & Painting, Site Work at Johor Delivery at Place (DAP) to Site Kluang City Gate Upgrading Project	54 T	Nov-16	May-17
186	ISHI Power Sdn Bhd	ISHI Power Sdn Bhd	Supply & Fabricate Scaffolding Frame & Accessories REV A Unit 1 & Unit 2	200 T	Jan-17	Dec-17
187	Kemuning Engineering Sdn Bhd	Arvos K.K., Japan	Supply & Fabrication of 2 sets of Ljungstrom Air Preheaters / 1 Boiler for Mitsubishi Hitachi Power Systems, Ltd. Kyushu Electric Power Co., Inc. / Matsuura Power Station No.2 Project at Japan	1208 T (2 units)	Jan-17	Mar-18
188	ISHI Power Sdn Bhd	ISHI Power Sdn Bhd	Supply Fabrication and Delivery of 2 Unit Miscellaneous Piping	889 T	Jul-17	Aug-18
189	Howden Axial Fans Aps, Denamark	Howden Axial Fans Aps, Denamark	Supply & Fabrication of Wind Tunnel. D009095 ZN Wind Tunnel Project, Toyota, Japan	93.55 T	Mar-17	May-18
190	Yamashita Seisakusho Co. Ltd.	Tenaga Nasional Bhd (TNB)	Supply and Fabrication for Pipe Support Accessories & Secondary Structural Steel for Jimah East Power 2x1000MW Coal Fired Power plant Project Unit 1 & Unit 2, Malaysia	106 T	Oct-17	Mar-18
191	Platinum Railway Engineering Services Sdn Bhd	Mass Rapid Transit Corporation Sdn Bhd	Supply and Fabrication for Standard Bracket (28,353 sets) for MRT2 Sg Buloh-Serdang-Putrajaya (SSP) Project, Malaysia.	403 T	Dec-17	Dec 2019
192	Dialog Plant Services Sdn Bhd		Engineering Supply, Testing, Inspection and Delivery of Nitrogen Gas Receiver (Petrochemical), Launcher / Receiver and Knockout Drum for EPCC of Pengerang Deepwater Petroleum Terminal 2, Pengerang, Johor, Malaysia	66 T	Dec-17	May-18
193	Sinohydro Corporation Ltd	Sarawak Energy Berhad	Supply, Fabrication & Erection of Steel Structure for Bintulu Tanjung Kidurong Combined Cycle Power Plant Project (Unit 10 & Unit 11), Sarawak, Malaysia	817 T	Oct-17	May-18
194	ISHI Power Sdn Bhd	Tenaga Nasional Bhd (TNB)	Modification Work for Mill Monorail Beams 2 Units for Jimah East Power 2X1000MW Coal Fired Power Plant Negeri Sembilan, Malaysia	255 T	Jan-18	Jul-18

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
195	Sinohydro Corporation Ltd	Sarawak Energy Berhad	Steel Structural Work for Part of Balance of Plant Subcontract for 400MW Combined Cycle Generating Power Plant Project at Bintulu Tanjung Kidurong (Unit 1 & 2)	209.4 T	May-18	Oct-18
196	KROHNE (M) Sdn Bhd	Idemitsu Kosan	Fabrication Piping & Structure Work, Inspection & Testing, Blasting & Painting, and Delivery Ex-Workshop, Bukit Kemuning of SV Gas Export Metering Skid and TU Gas Metering Skid for Sao Vang (SV) Central Processing Platform, Sao Vang and Dai Nguyet Development Project.	2 Units (1506 DI)	May-18	Nov-18
197	General Electric (Switzerland) GMBH	General Electric (Switzerland) GMBH	Supply Prefabrication of Stuctural Steel Works for Dump Condenser Module (DCM) For Bintulu Tanjung Kidurong CCPP Project	87 T	Aug-18	Jan 19
198	Sinohydro Corporation (M) Sdn Bhd	Sinohydro Corporation (M) Sdn Bhd	Supply and fabricate Steel Structural works for Gas Turbine Hall (Uni12,unit 13) For Project at Bintulu Tanjung Kidurong	729 T	Aug-18	Mar-19
199	Sinohydro Corporation (M) Sdn Bhd	Sinohydro Corporation (M) Sdn Bhd	Supply and fabricate Secondary Steel Structural works for Gas Turbine Hall (Uni12,unit 13) For Project at Bintulu Tanjung Kidurong	111 T	Aug-18	Nov-18
200	Lion Waterway Logistics S/B	Baars Confloat B. V.	To Supply, Fabrication, Surface Treatment & FOB for 9.5 Jack Up Platform		Aug-18	Mar 19
201	JGC Malaysia Sdn Bhd	JGC Malaysia Sdn Bhd	Supply & shop fabricated structure for New MRU Project Train 9	130 T	Sep-18	Jan 19
202	GE Power Solutions (Malaysia) Sdn Bhd	GE Power Solutions (Malaysia) Sdn Bhd	Supply Track 4A GT/ST and Generator Platform for ER22 Project	172 T	May-18	Apr 19
203	GE Power Solutions (Malaysia) Sdn Bhd	GE Power Solutions (Malaysia) Sdn Bhd	Supply Track 4A GT/ST and Generator Platform and E-Rooms Platform for ER22 Project Unit 1 & Unit 2	89.6 T	Mar-19	Jul-19
204	Terex Malaysia Sdn Bhd	Terex Malaysia Sdn Bhd	Supply of Steel Material, Tools & Equipment, Consumable, Skill Labour to Fabricate and Deliver, Ex-Workshop for MHS 6203 x 7 units	79 T	Dec-18	June 19
205	Terex Malaysia Sdn Bhd	Terex Malaysia Sdn Bhd	Supply of Steel Material, Tools & Equipment, Consumable, Skill Labour to Fabricate and Deliver, Ex-Workshop for MHS 8203 x 6 units	12.6 T	Dec-18	June 19
206	Van Oord Ship Management B.V	Van Oord Ship Management B.V	Supply Material,Manufacturing, Surface Treatment, Testing and delivery DAP Keppel shipyard Singapore for Bottom Doors/Stems/Wedges/Plates	196.25 T	Mar-19	Oct-19

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
207	GEPower (Switzerland) GMBH	GEPower (Switzerland) GMBH	Supply EB05X Prefabrication of Structural Steel Works For Dump Condenser Module(DCM) For Bintulu Tanjung Kidurong 2 CCPP	95 T	Mar-19	Aug 19
208	BCI LTD, Hong Kong	BCI LTD, Hong Kong	Supply,Manufacturing,Surface Treatment and Delivery at Ex- Workshop for Tipping Wheel, Drive Wheel and Guide Rail. (PROJECT NO.:1011C)	61.179 T	May-19	Dec 19
209	Malaysia Transformer Manufacturing S/B	Malaysia Transformer Manufacturing S/B	Supply and Fabricate Complete Tank 30MVA-203 - 20 units	20 Units	May-19	Jul-19
210	Koniambo Nickel SAS	Koniambo Nickel SAS	To Supply, Fabrication, Testing, Painting, FOB Port Klang - Water Roof Panels x 6 Panels (CCEFGH)	23.75 T	Jul-19	Oct 19
211	Van Oord Ship Management B.V	Van Oord Ship Management B.V	To Supply Trunion Gantry, Intermediate Gantry and Draghead Gantry	330 T	Jul-19	Jun 20
212	Van Oord Ship Management B.V	Van Oord Ship Management B.V	Supply material,manpower,tools and equipment for bow coupling tower for 2 vessels	108 T	Oct-19	Jul-20
213	Van Oord Ship Management B.V	Van Oord Ship Management B.V	To Supply Material, Manufacturing, Surface Treatment, Testing and Delivery DAP Keppel Singmarine Singapore for Bottom doors/Main stems/Lower stems/Wedges	98.38 T	Nov-19	Dec-20
214	IHI Corporation	IHI Corporation	Supply and Fabrication Coal Bunker (10 Sets) including Shop dwg, Fabrication, Consumable, Testing, Blasting & Painting and Packing and Delivery FCA for Matarbari 2 x600 Coal Fired Power Plant Unit 1 and Unit 2	1057 Ton	Mar-20	Apr-21
215	ISHI Power Sdn Bhd	ISHI Power Sdn Bhd	Supply, Fabrication and Delivery of Protector for Reheater Vertical Tubes Unit 1 for JEP Project, Negeri Sembilan	65 Ton	Dec-19	May-20
216	ISHI Power Sdn Bhd	ISHI Power Sdn Bhd	Supply, Fabrication and Delivery of Protector for Reheater Vertical Tubes Unit 2 for JEP Project, Negeri Sembilan	65 Ton	Dec-19	Nov-20
217	BCI LTD, Hong Kong	BCI LTD, Hong Kong	Supply, Manufacturing, Surface Treatments, Partial Trial Assembly, and Delivery FOB Port Klang for Tipping Wheel, Drive Wheel (Include torque tube and dust pans), Main Drive Base and Guide Rails 1020C - RUNGTA I	72.6 Ton	Feb-20	Nov-20
218	BCI LTD, Hong Kong	BCI LTD, Hong Kong	Supply, Manufacturing, Surface Treatments, Partial Trial Assembly, and Delivery FOB Port Klang for Tipping Wheel, Drive Wheel (Include torque tube and dust pans), Main Drive Base and Guide Rails 1020C - RUNGTA II	72 Ton	Feb-20	Jan-21

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
219	Kemuning Structures Sdn Bhd	Kemuning Structures Sdn Bhd	Supply of 99 Units CV Cabin Structural Steel. Est. weight:2,550 kg/unit	252 Ton	Feb-20	Mar-20
220	Malaysia Transformer Manufacturing S/B	Malaysia Transformer Manufacturing S/B	Supply Material, Consumable, Equipment & Tools, Machining, Worker, Surface Treatment, Packing, FOT (MTM Ulu Klang) for Transformer 30MVA-203	14 Unit	Feb-20	Mar-21
221	Jiwa Kental Sdn Bhd	Jiwa Kental Sdn Bhd	To Supply material, Fabrication, Surface Treatment & Coating, Delivery Free on Truck Site, Port Klang & Erection Work for ILB Building & Misc. Structural	95 Ton	Mar-20	Feb-21
222	IHI Corporation	IHI Corporation	Fabrication and Supply of hanging Scaffolding for inside furnace of boiler Unit 1 & Unit 2 in Matarbari Project	317 T	Oct-20	Feb-22
223	BCI LTD, Hong Kong	BCI LTD, Hong Kong	Supply, Manufacturing, Surface Treatments, Partial Trial Assembly, and Delivery FCA, Bukit Kemuning for Tipping Wheel, Drive Wheel (Include torque tube and dust pans), Main Drive Base and Guide Rails	30 T	Nov-20	Jul-20
224	IHI Corporation	IHI Corporation	Supply, Fabrication, Hot Dipped Galvanized and Delivery FOB Cable Tray Support for U1 & U2 for Matarbari Project	126 T	Mar-21	Jun-21
225	General Electric International Inc. (Taiwan)	General Electric International Inc. (Taiwan)	HSINTA CCPP (Unit 1-3) GR22 - GT and Generator Foundation Embedment	113 T	Apr-21	Nov-22
226	Koniambo Nickel SAS	Koniambo Nickel SAS	Water Cooled Roof Panels, Explosion Door & Miscellaneous items	76 T	Apr-21	Nov-21
227	General Electric International Inc. (Taiwan)	General Electric International Inc. (Taiwan)	HSINTA CCPP (Unit 1-3) SR22 - ST and Generator Foundation Embedment	47 T	May-21	Jan-23
228	General Electric International Inc. (Taiwan)	General Electric International Inc. (Taiwan)	Taichung CCPP (Unit 1-2)# GR22-GT & Generator Foundation Embedment	76 T	Oct-21	Dec-22
229	Malaysia Transformer Manufacturing S/B	Malaysia Transformer Manufacturing S/B	Supply of 132KV Transformer Tank to Malaysia Transformer Manufacturing Sdn. Bhd.	116 T	Jan-22	Dec-22
230	Van Oord Ship Management B.V.	Van Oord Ship Management B.V.	Supply Material, Manpower, Tools and Equipment to Fabricate Deck Construction for Long Suction Pipe ZSH 7.0	102 T	Feb-22	Jul-22
231	CH Yodoform Sdn. Bhd.	CH Yodoform Sdn. Bhd.	Fabricate of Steel Structures for Pipe Rack Zone-2 for Nine Dragon Paper Mill, Banting Project	428 T	Apr-22	Jul-22

VANTAGE STEEL WORKS SDN. BHD. KEMUNING ENGINEERING SDN. BHD.	Date	01 August 2022
	Prepared By	DIANA CHAN
	Page No.	23 of 44

NO	CLIENT	OWNER	PROJECT DESCRIPTION	QTY	START DATE	COMPLETION DATE
232	Equator Engineering Sdn. Bhd.	Equator Engineering Sdn. Bhd.	Supply Material for 1 Unit of ST Machine -Anchor Box & Embedded Plate	12 T	May-22	Jun-22
233	ISHI Power Sdn Bhd	ISHI Power Sdn Bhd	Supply, Fabricate and Delivery DAP Jimah Site for STAINLESS STEEL 304 PROTECTOR FOR TUBE OF BOILER, JEP PROJECT SPARE PART	6420 Pcs	Jul-22	Mar-23

Section 4

(Principal Activities on Various Industries)

SECTION 4.00 PRINCIPAL ACTIVITIES ON VARIOUS INDUSTRIES



CEMENT PLANT



STORAGE TERMINALS



INDUSTRIAL BUILDING



PETROCHEMICAL STORAGE TANKS

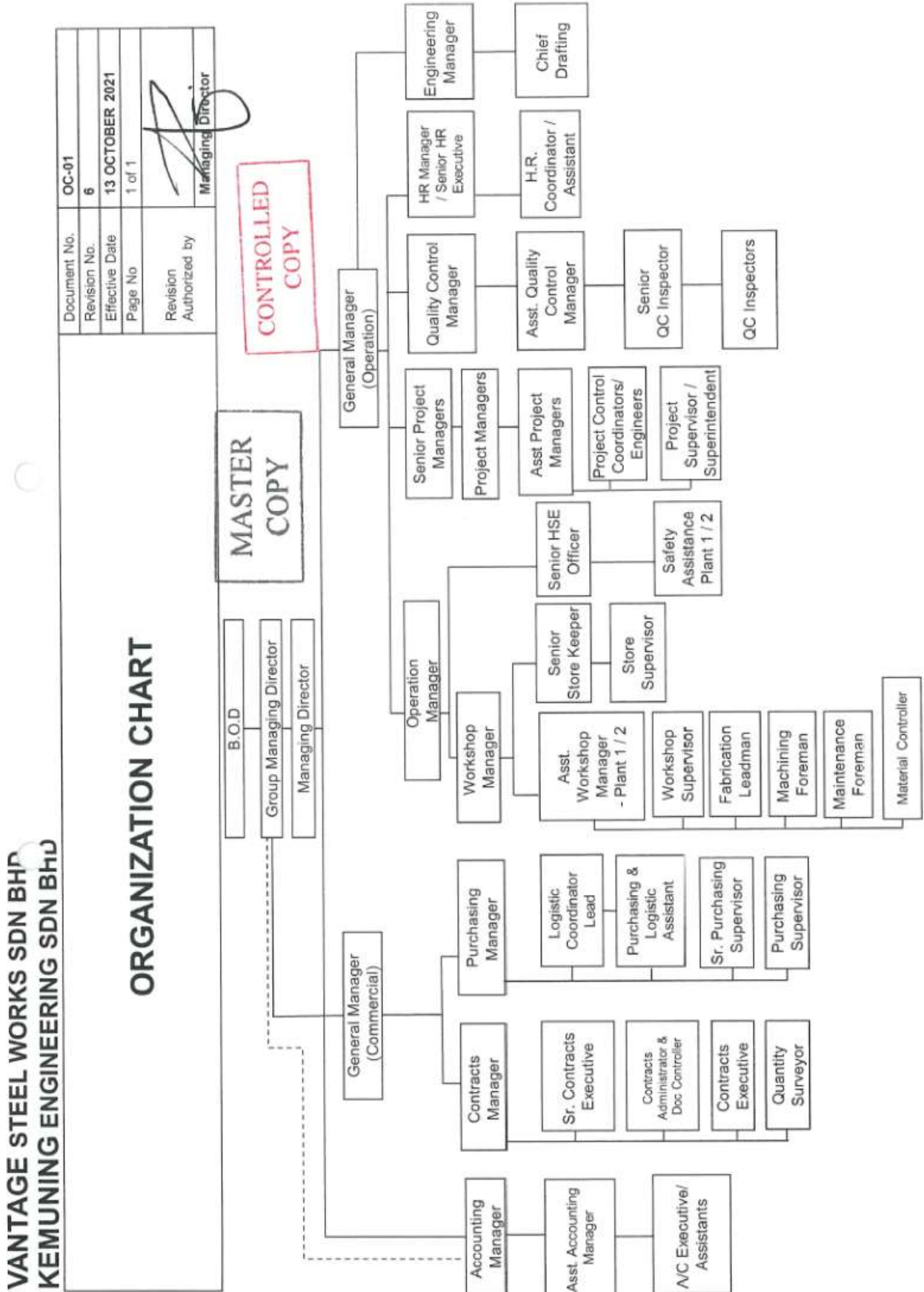


TIN/DIAMOND/GOLD MINING DREDGE

Section 5

(Organization Chart)

SECTION 5.00 ORGANIZATION CHART



Section 6

(Office and Factory Location Map)

LOCATION FOR ROAD AND INLAND WATERWAY



Road:
 Vantage Jetty to Vantage Main Office – Approx 21.8km

Road:
 Vantage Main Office to Port Klang – Approx 15.8km

Inland Waterway:
 Vantage Jetty to Port Klang – Approx 39.36km

Section 7

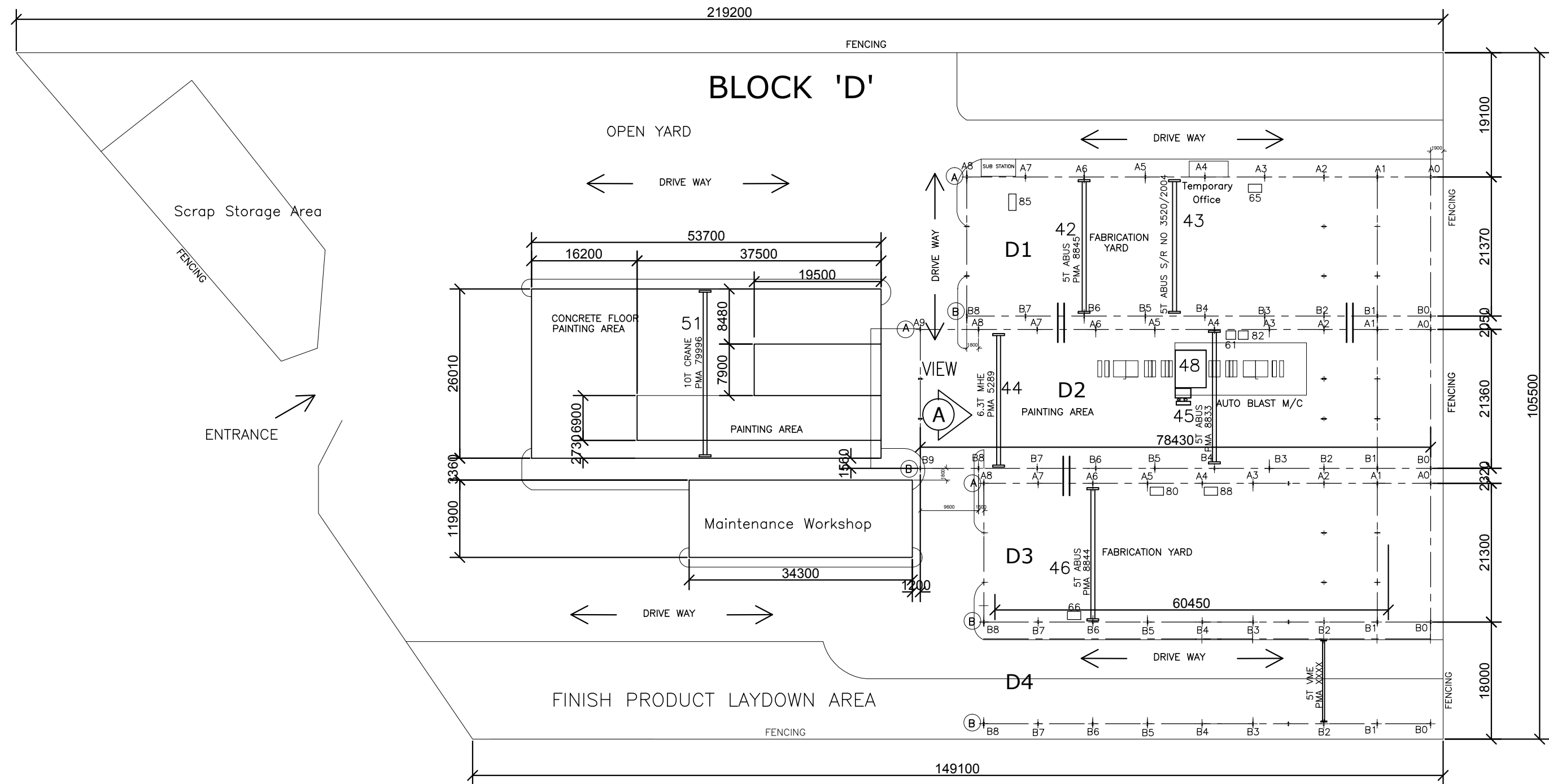
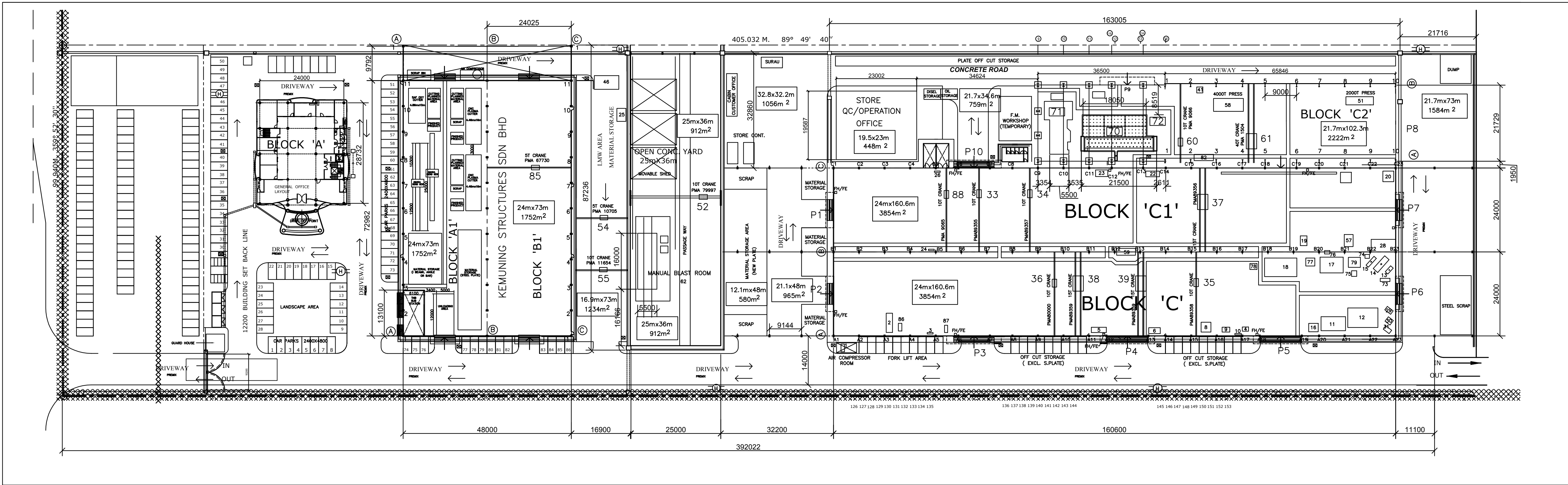
(Office & Factory Layout)

SECTION 7.00 OFFICE & FACTORY LAYOUT (MAIN OFFICE) AT BUKIT KEMUNING, SHAH ALAM, SELANGOR



Total Area :54,655m²
Total Covered Area : 30,660m²
(Inclusive)
Total Block D : 14,155m²
Block D covered : 6,230m²

Overhead Crane capacity :			
Description	Capacity	Qty	Maker
Overhead Cranes	5 ton	8	Abus
	10 ton	7	MHE/Demag
	15 ton	2	MHE/Demag
	40 ton	1	MHE/Demag
Gantry Type Overhead Cranes	10 ton	2	MHE/Demag
Mobile Type Truck Cranes.	25 ton	1	Tadano
	35 ton	2	P&H
	90 ton	1	TADANO
	100 ton	1	LORAIN
	150 ton	1	LORAIN

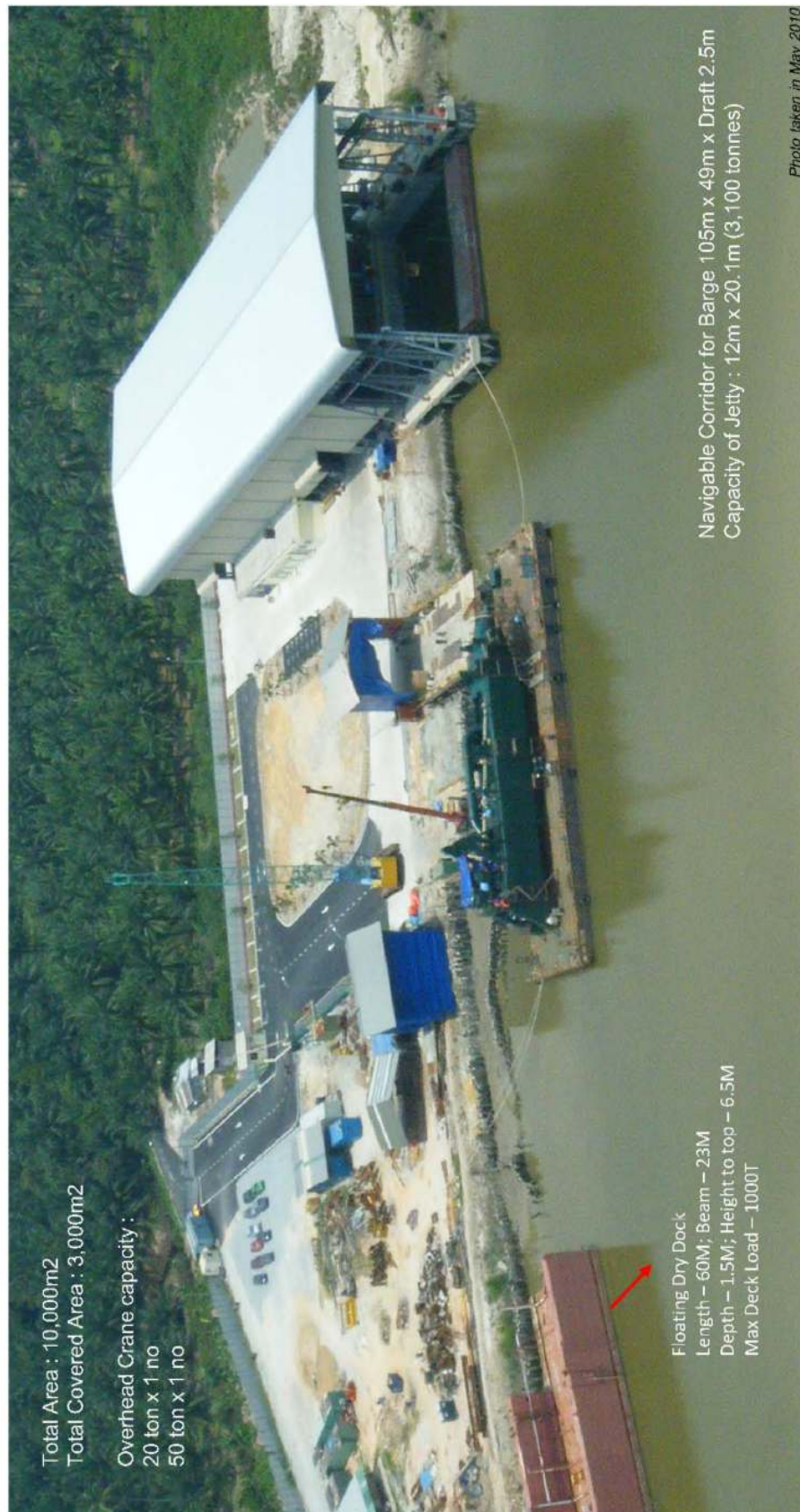


FACTORY MAIN LAYOUT

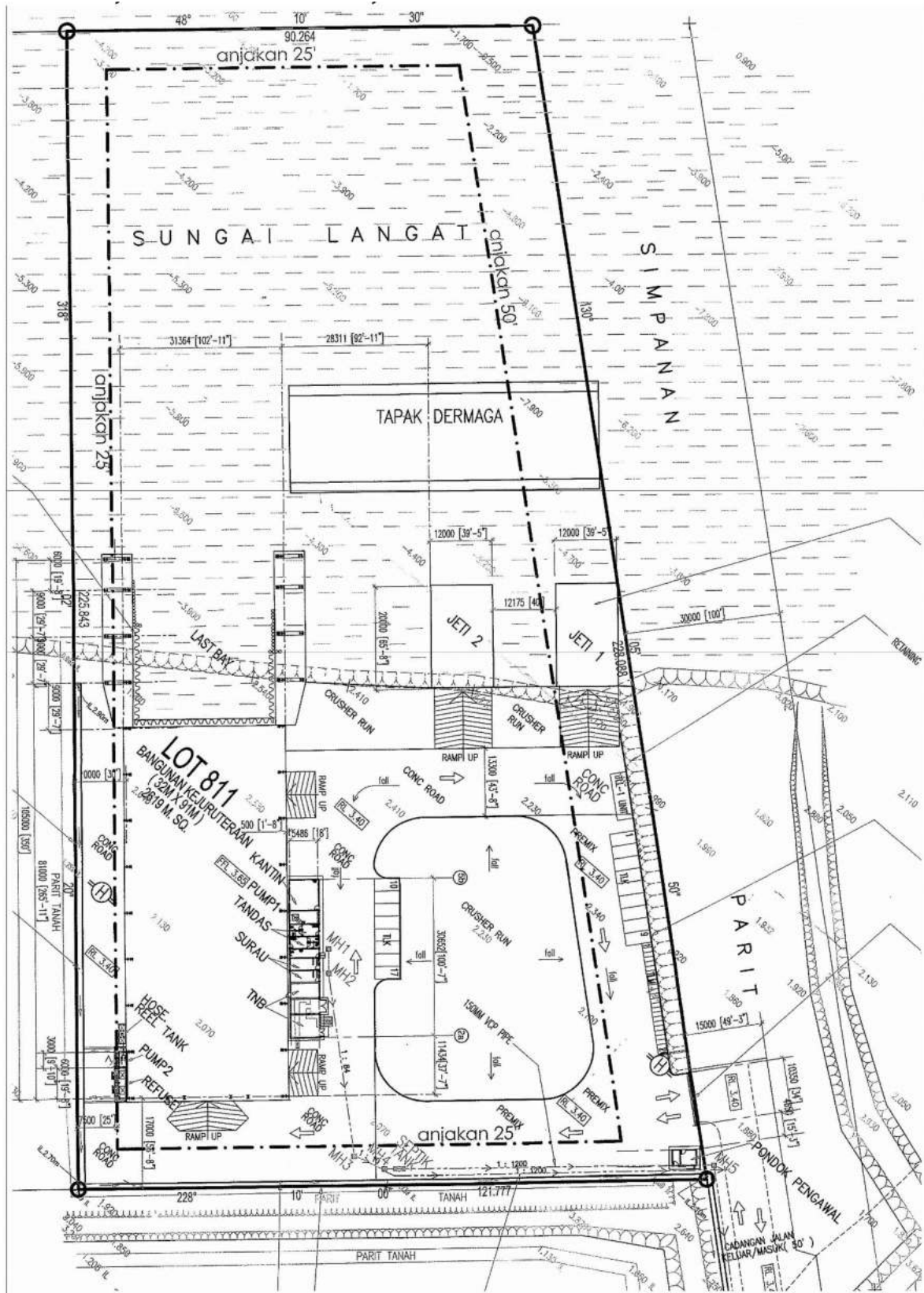
No	Description	Loc.	No	Description	Loc.	No	Description	Loc.	No	Description	Loc.	No	Description	Loc.	No	Description	Loc.
1	PeddingHuas Iron Worker Type 210 AD/20	C/B4	17	Butler Elgamill - Milling Machine 1200 w x 6000 SL	C/B20	33	10 T OH Travelling Crane - PMA 89355	C1	49	5 T OH Travelling Crane - PMA 8845	D	65	6.3 T OH Travelling Crane - PMA 7841	B2	81		
2	Pullmax Plate Bending Machine : 25mm x 3050 w	C/A3	18	Union Horizontal Floor Borer c/w floor table 28ft x 12ft	C/B18	34	10 T OH Travelling Crane - PMA 89357	C1	50	Auto Blast Machine	D/A2	66	Amada Bandsaw H-900 HD Machine	A2/A3	82	Beamline	C2/A2
3	Switch Board	C/A5	19	Massa Section Bender Model SBN 150	C1/B19	35	10 T OH Travelling Crane - PMA 89358	C	51	2000T PRESS MACHINE	C2/B8	67	Amada Bandsaw H-900 HD Machine	B2/B4	83	10 Tonnes Overhead Travelling Crane	A2
4	Ikeda Drilling MachineType: RMA 1300	C/A17	20	Pullmax- Hort Plate Bender :25mm x 2440w	C1/C23	36	10 T OH Travelling Crane - PMA 80000	C	52	10 T A-Shape P.Travelling Crane - PMA 79997	LMW	68	Amada Bandsaw H-400 Machine	A2/A8	84	10 Tonnes Overhead Travelling Crane	B2
5	LVD Hydraulic Guillotine Model: HST C13/31	C/A11	21			37	15 T OH Travelling Crane - PMA 89356	C1	53	10 T A-Shape P.Travelling Crane - PMA 79996		69	Manual Blast Room-12M W x 24M long	B2	85	5 T OH Travelling Crane - PMA 67730	B1
6	LVD HYD . Press Brake Machine Model:PPBL- H200/30 3F320	C/A13	22	300 Serial Sunfluid Hydraulic Guillotine Machine Model: 300EI/12	C1/C13	38	15 T OH Travelling Crane - PMA 89359	C	54	5 T A-Shape P.Travelling Crane - PMA 10705	LMW	70	Horizontal Floor Borer - Schiess 35/25 FB	C2/C12	86	Rolling Machine	C/A4
7			23	Sunfluid Hydraulic Press Brake , Model 200E/12	C1/C11	39	15 T OH Travelling Crane - PMA 89359	C	55	10 T A-Shape P.Travelling Crane - PMA 11654	LMW	71	Gantry Type 5 Face CNC Vertical Machining -Mitsubishi MVB 24/15	C2/C10	87	Drilling Machine	C1/A5
8	METHODS Auto Welding Arm	C/A15	24	Switch Board	C/B5	40			56	FUSION CAD/CAM CNC cutting machine	C1/B1	72	CNC Teach -in Lathe Machine	C2/C11	MISCELLANOUS EQUIPMENT/TOOLS		
9	ESAB 500F (5 TON POSITIONER)	C/A16	25	Comac Universal Profile Rolling Machine Model: 3025HV3 c/w Standards Rolls	LMW	41	Kingsland 115XS Hydraulic Ironworker	C2/B2	57	1200 Tonnes plate bending machine HUGH SMITH	C1/B21	73	Gap-Bed Lathe Machine	C1/B23	one lots of portable cutting/drilling machines		
10	Switch Board	C/A17	26	Switch Board	C1/C5	42			58	4000 tonnes Hydraulic Press machine	C2/B3	74	Bore Machine	C1/B22	one lots of diesel welding sets		
11	Richard Vertical Borer table 145"Diameter Max Swing 172"	C/A20	27	Daito Seiki Band Saw Cutting Machine Model : ST 6090 (500w x 1000h)	C1/C1	43			59	500 tonnes Hydraulic Press machine	C/B12	75	Milling Machine	C1/B22	one lots of Generators		
12	Craven Bros (manchester) Vertical Borer 18ft Dia.	C/A21	28	Ward Hachas & Smith 110" Surface Lathe Machine	C1/B23	44			60	10 T OH Travelling Crane - PMA 9066	C2	76	Drilling Machine	C1/B20	one lots of hydraulic jacks-max. cap. 200tons		
13	Mitchell of Keighley Lathe Machine	C/B23	29	Herbert Vertical Miller No 47V	C/A23	45			61	40 T OH Travelling Crane - PMA 1504	C2	77	Drilling Machine	C1/B20	one lots of SMAW welding sets		
14	CCCP Horizontal Lathe IM 63	C/B23	30	Parkson Vertical Miller	C/A23	46	AS-35TW Beam Beveling Machine	LWM	62	Manual Blast Room-5.5M W x 16M long	LMW	78	Milling Machine	C1/B17	one lots of FCAW welding sets		
15	New Turmmaster 50 Lathing Machine	C/B22	31	Shaping Machine Model - B6050	C/A23	47			63	6.3 T OH Travelling Crane - PMA 5289	A1	79	Drilling Machine	C1/B22	one lots of SAW welding machine		
16	Fosmatic Vertical Drilling Machine	C/A19	32	SAF Oxytome 30 - Digisaf 3.5 Cutting Machine	C/B1	48			64	5 T OH Travelling Crane - PMA 5288	A1	80	Bolder Positioning Machine	D/B6	one lots of air compressors		

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
VANTAGE STEEL WORKS SDN. BHD.					
KEMUNING ENGINEERING SDN. BHD.					
LOT 3801, BATU 6 1/4, JALAN KLINIK, BUKIT KEMUNING, SEKSYEN 32, 40460 SHAH ALAM, SELANGOR DARUL EHSAN. TEL: 603-51617208, FAX: 603-51617202					
FACTORY COVER AREA					
DRAWN	ONG		DATE	30.05.2014	
DESIGN			DATE	30.05.2014	
CHECKED	KLWONG		DATE	30.05.2014	
PLOT SCALE: NOT TO SCALE	JOB NO:	DRAWING NO: KE / FCA / 001	REV	0	

SECTION 7.00 JETTY & YARD LAYOUT AT TELOK PANGLIMA GARANG, KUALA LANGAT, SELANGOR



JETTY & YARD LAYOUT AT TELOK PANGLIMA GARANG, KUALA LANGAT, SELANGOR



The drawings illustrate the structural layout of the floating dock. The **PROFILE** shows the cross-section of the hull. **SECTION B-B** provides a longitudinal view of the internal structure. **LOOKING FORWARD** shows the front elevation. The **PLAN VIEW** shows the top-down layout of the deck and internal stiffeners. The **TANK ARRANGEMENT** shows the internal compartmentalization with various structural details.

PRINCIPAL PARTICULARS

LENGTH	= 64.8M
BEAM	= 23M
DEPTH	= 1.5M
HEIGHT TO TOP OF WING TANK	= 6.5M
MAX DECK LOAD	= 1000T

REVISIONS

NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY
1	11/05/10	ISSUED TO CLIENT FOR APPROVAL			
2	07/05/10	ISSUED FOR REVIEW			

PROJECT DATA

PROJECT NO.	MTG-P2019S-08050-010
PROJECT NAME	MTG-P2019S-08050-010
PROJECT LOCATION	MTG-P2019S-08050-010
PROJECT STATUS	MTG-P2019S-08050-010

MTG

MTG-P2019S-08050-010

1 OF 1

FLOATING DOCK - GENERAL ARRANGEMENT

Section 8

(Machinery List and Pictures)

SECTION 8.00 MACHINERY LIST AND PICTURES

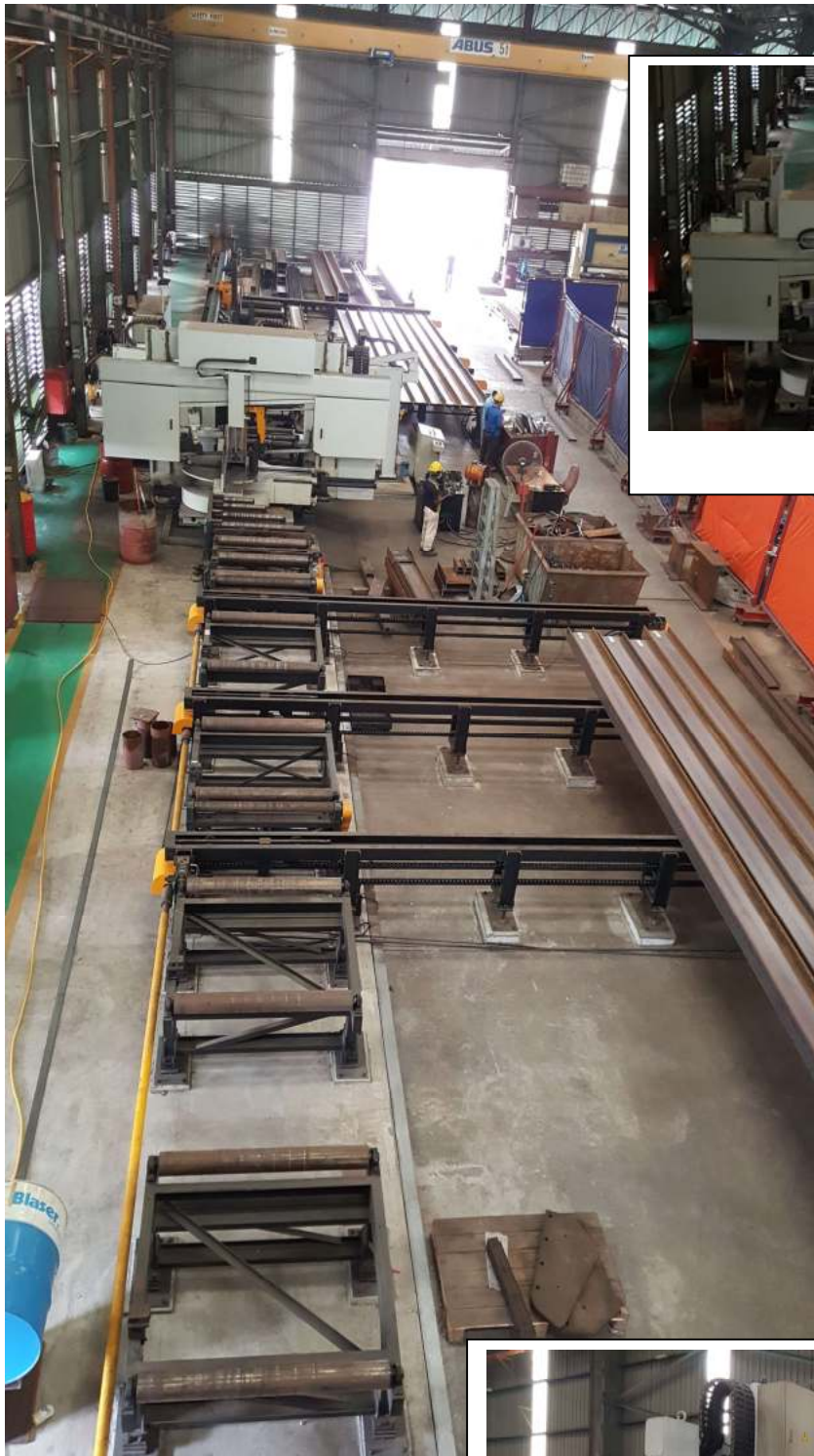
<u>Item</u>	<u>Description</u>	<u>Capacity</u>	<u>Qty</u>	<u>Maker</u>
1	Band Sawing m/c c/w infeed and out feed conveyors	1000 (mm) x 500 (mm)	1	DAITO SEIIKI
2	Band Sawing m/c c/w infeed and out feed conveyors	900 x 600	2	AMADA H-900
3	Band Sawing m/c c/w infeed and out feed conveyors	650 x 450	1	AMADA H-650
4	Band Sawing m/c c/w infeed and out feed conveyors	400 x 350	1	AMADA
5	CNC Plate Oxy and Plasma Cutting machine @ 4 torches	3.5 m (width) x 18.0 m (length)	1	Air Liquid Fusion
6	Spencer & Halstead Auto blasting m/c c/w infeed and out feed conveyors	3.0 m (width) x 1.0 m (height)	1	Spencer & Halstead
7	CNC Plate Drilling Machine	1500mm x 1000mm x 200mm (w x l x h)	1	SHOWA
8	Welding Sets	400 Amps	70	SAF/Lincoln/ESAB
9	Welding Sets	SAW	5	Lincoln/ESAB
10	Welding Sets	MIG/ FCAW	18	Halbert/ESAB/Lincoln
11	Plate Rolling Machines	25mm x 2.5m (width)	1	Pullmax
12	Plate Rolling Machines	32mm x 3.0m (width)	1	Pullmax
13	Profile Benders	125mm x 125mm (Solid Square Bar)	1	
14	Vertical Plate Rolling Machines	80mm x 3.0m (width)	1	Hugh Smith
15	Gullotines	12mm x 3.0m (width)	2	LVD/Sunfluid
16	Press Brakes	20mm x 3.0m (width)	2	LVD/Sunfluid
17	Radial Drills	Radius of Drill 1.5 m	2	Ikeda/Acquisth
18	Gantry Frame Type Welding Machine	2.0m x 2.0m Box	1	Special & custom build

<u>Item</u>	<u>Description</u>	<u>Capacity</u>	<u>Qty</u>	<u>Maker</u>
19	Plate Build up Beam Machine Assembling and Straightening c/w infeed and outfeed conveyors	3.0 m x 0.5 m x 25/50mm BH Beam	1	TANAKA
20	Overhead Cranes	5 ton 10 ton 15 ton 40 ton	8 7 2 1	Abus MHE/Demag MHE/Demag MHE/Demag
21	Gantry Type Overhead Cranes	10 ton	2	MHE/Demag
22	Mobile Type Truck Cranes.	25 ton 35 ton 90 ton 100 ton 150 ton	1 2 1 1 1	Tadano P&H TADANO LORAIN LORAIN
23	Manual Blasting Chamber	12 ft (height) x 36ft (width) x 80 ft (length)	1	
24	Manual Painting Chamber	12 ft (height) x 36ft (width) x 80 ft (length)	1	
25	Iron Workers	Type 210/20	3	Kingston Peddinghaus
26	Small Tools and Magnetic type Drilling Machine, Small grinders	One Lot	One Lot	
27	Butler Elga milling Centers installed with Digital readout and working bench	1.2m (width) x 5.0m (length) x 1.0m (height)	1	Butler Elgamill with universal swivel milling head
28	Richard Vertical Borer	400 x 1100 Table Milling Machine	1	Richard Vertical Borer
29	Vertical Lathe – Double Column with rotary turn table of 18 feet with loading capacity upto 50 metric ton	6.2m dia (max swing) x 3.2m max height after height extension	1	Craven Bros. Inserted two stools
30	X steel Workstation	Shop detailing license	1	X steel
31	Horizontal Floor borers with facing and spindle head complete retrofitted with digital readout	23 feet x-axis travel x 9 feet y axis travel x 3 feet z-axis travel . floor plates 10feet x 22feet (width x length)	1	Union

<u>Item</u>	<u>Description</u>	<u>Capacity</u>	<u>Qty</u>	<u>Maker</u>
32	Horizontal Floor Borer	15m x- axis travel 3.5m y- axis travel 2.5m spindle travel Floor Plate 6m x 18m Rotary Table 2m x 2m x 360° deg Turning x 20 ton capacity	1	Schiess 35/25FB
33	Gantry Type 5face CNC Vertical Machining Centre	4.20m x- axis travel 2.40m y- axis travel 1.00m z- axis Ram travel Twin Table 1.50m x 4.20m 1.50m x 3.00m Maximum table 10ton capacity Fanuc 15m NC Controller	1	Mitsubishi MVB 24/15
34	Floating Dry Dock	Length = 60.00m Beam = 23.00m Depth = 1.50m Height of Wing Tank = 6.50m Deck Load = 1000 ton	1	Vantage Steel Works Sdn Bhd
35	Hydraulic Power Press	3,900 ton capacity stroke 1,000mm	1	Vantage Steel Works Sdn Bhd
36	CNC Teach-In Lathe Machine	Centre Distance: 5 meters Max. Swing over Bed: ø 900mm Max. Swing over Cross Slide: ø 600mm Spindle Bore: ø 104mm	1	CNC-Takang Co., Ltd
37	CNC Turning Centers	Model: SL-40 Chuck size: 381 mm Axis Z: 1110 mm Axis X: 431 mm	1	HAAS Automation, Inc
38	CNC Flame / Plasma Cutting Machine	Model: HyperCut-3100 Effective cutting width: 3,100mm Effective cutting length: 18,000mm	1	DAMA
39	Vertical Plate Rolling Machines	100mm x 3.0m (width)	1	Hugh Smith
40	CNC Column Moving Type Borer	5.50m x- axis travel 3.20m y- axis travel 2.00m z- axis travel Table size- 2500 x 2500 Maximum table 30ton capacity CNC Fanuc 31i Control	1	HBM-6T

<u>Item</u>	<u>Description</u>	<u>Capacity</u>	<u>Qty</u>	<u>Maker</u>
41	FICEP Beam Line Automatic CNC Drilling and Sawing Machine	Model: 1224 DB I-beam Web Height: max 1220mm I-beam Flange Width: max 600mm All beams length: max 13000mm Vertical drill heads: 1 no Horizontal drill heads : 2 nos Marking unit & Sawing Unit	1	FICEP

FICEP BEAM LINE AUTOMATIC CNC DRILLING & SAWING MACHINE



Model: 1224 DB

I-beam Web Height: max
1220mm

I-beam Flange Width: max
600mm

All beams length: max
13000mm

Vertical drill heads: 1 no

Horizontal drill heads : 2 nos

Marking unit & Sawing Unit



CNC COLUMN MOVING TYPE BORER MODEL HBM-6T



HUGH SMITH VERTICAL ROLLING MACHINE



HORIZONTAL FLOOR BORER – SCHIESS 35/25 FB



GANTRY TYPE 5 FACE CNC VERTICAL MACHINING CENTRE

- MITSUBISHI MVB 24/15



CNC TEACH-IN LATHE MACHINE - CNC-Takang Co., Ltd



CNC TURNING CENTER - HAAS Automation, Inc



OUR CAD CAM AUTOMATED FABRICATION SYSTEM



X STEEL /AUTO CAD/ CAD CAM



DAMA - HIGH DEFINITION PLASMA CNC FLAME
/ CUTTING MACHINE



FUSION CNC PLATE OXY AND PLASMA
CUTTING MACHINE



DRILLING MACHINE



AMADA H-900 BAND SAW



IN-SITU FLANGE CUTTING

- WE PROVIDED COMPREHENSIVE PRECISION MACHINING**



CNC- 18 FT CRAVEN VERTICAL LATHE TURNING & BORING MACHINE



RICHARD VERTICAL BORER



MACHINE TOOL BAR - PROFILING WORK



UNION HORIZONTAL FLOOR BORER, MILLING & TURNING



BUTLER ELGA MILLING MACHINE

- **ROLLING, PRESSING & BENDING SERVICES**



HUGH SMITH 1200 TONS VERTICAL PLATE ROLLING MACHINE



3900 TONS HYDRAULIC POWER PRESS



KOTAKI 500 TONS HYDRAULIC PRESS



2000 TONS HYDRAULIC PRESS MACHINE



LVD SHEARING MACHINE 20mm x 3.0m



PULLMAX HORIZONTAL PLATE ROLLING
MACHINE



AUTO-BLAST MACHINE C/W INFEED &
OUTFEED CONVEYOR

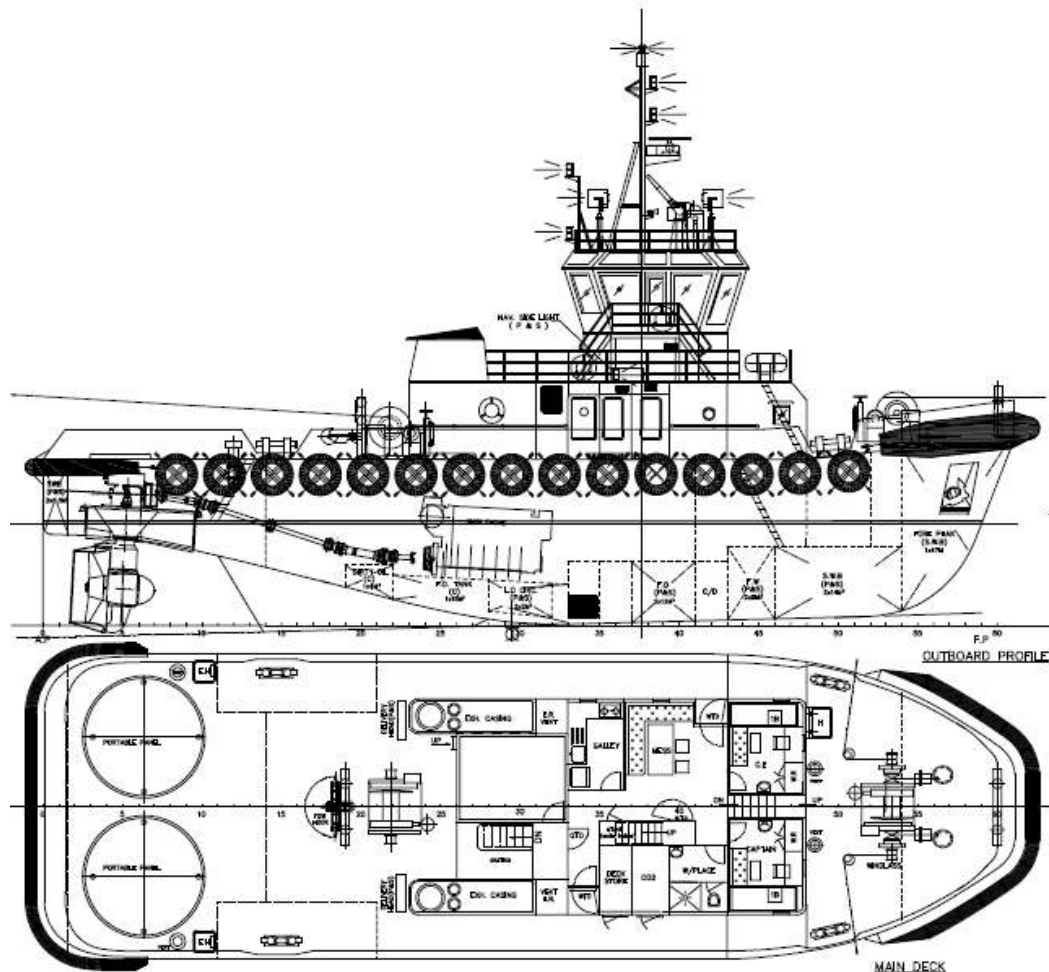


OVERHEAD CRANE 5 ~ 40 TONS

Section 9

(Tug Boat Specifications)

40TBP SRP HARBOUR TUG



GENERAL

Type of Vessel	Harbor Tug Boat
Hull Material	Steel
Classification	BV or ABS

Main Characteristics

L.O.A	30.50 m
Length Waterline	29.50 m
Beam	9.60 m
Speed	10 knots
Complement	16 person

Tank Capacity

Fuel Oil	120 ton
Fresh Water	30 ton

Propulsion Machinery

Main Engines	2 x 1800hp x 1600rpm marine engine
Propulsion	2 x Rudder Propeller

Auxiliaries

Main Generator	2 x 84kw 50Hz
Windlass / Towing Winch	1 x Electro hydraulic
Rope Reel Winch	1 x Electro hydraulic
Towing Hook	1 x 50 ton towing hook
Accommodation	Fully air conditioning

Navigation & Communication Equipment

Radars	1 x 48 nm Range
Echo Sounder	1 x 150m Depth Range
Magnetic Compass	1 x Standard Magnetic Reflecting Type
Global Positioning System	1 x Fixed Display
Doppler Speed Log	1 x Electric Type
Communication Equipment	1 x VHF/DSC Radiotelephone

Fire Fighting Equipments

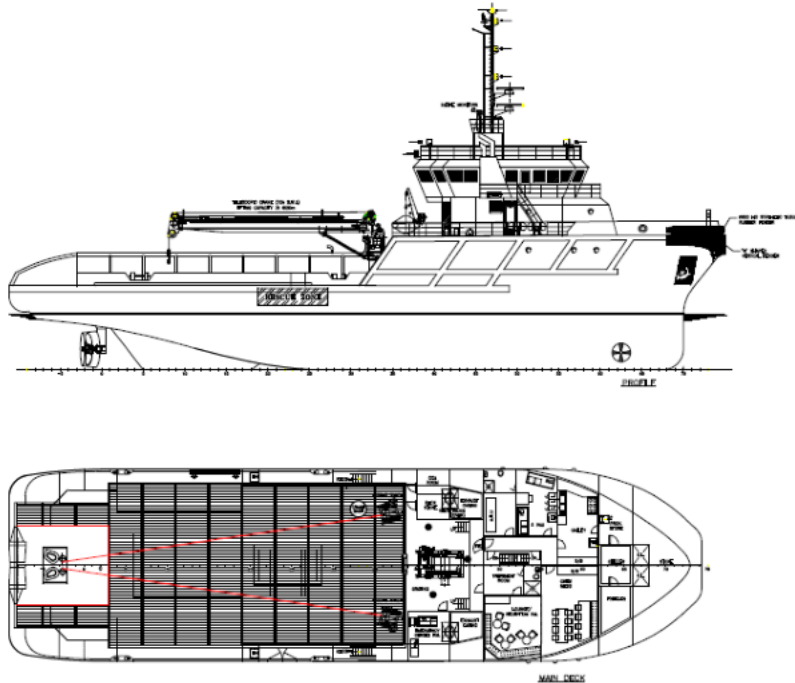
External Fire Fighting	1/2 FIFI 1 x Fire Pump 1200m ³ /hr x 12bar c/w diesel engine
Fire Extinguisher	7 x 4.5kg BCF, 5 x 9 Litre Foam
Fire Extinguish System	CO2 Manual Flooding System for Engine Room

Life Saving Equipment

Liferafts	As per SOLAS 74/78, Local Authority and Classification Requirements
Lifebuoys	2 x 8 Man Inflatable Type
Lifejackets	4 x Plastic Type
	12 x SOLAS Approved Lifejacket

50m 40TBP 4000HP

ANCHOR HANDLING TUG – OCEAN TOWING VESSEL



GENERAL

Type of Vessel	Anchor Handling Tug / Ocean Towing Vessel
Plying Limit	Unrestricted Services
Classification	ABS
Class	* A1, + Offshore Support Vessel
Port of Registry	Malaysia
Flag	2 x 2000 hp (Diesel-Electric Propulsion)
Horse Power	13.0 knots
Cruising Speed	22 days
Endurance	

Main Characteristics

L.O.A	50.00 M
L.W.L.	46.90 M
Beam Molded	13.80 M
Depth Moulded	6.00 M
Max Draft	4.80 M
Deck Strength	5 MT/sq m
Clear Deck Space	280 sq. m
Bollard Pull	40 Tonnes

Tank Capacity

Fuel Oil	450 cu.m plus additional storage
Fresh Water	200 cu.m plus additional storage
M.E. Lube Oil	7 cu.m
Hydraulic Oil	2 cu.m
Bilge Holding	10 cu.m
Hydraulic Oil	2 cu.m
Bilge Holding	10 cu.m
Dirty Bilge	11 cu.m
Sewage Holding	12 cu.m
Cool Room	12 cu.m
Cold Room	12 cu.m

Propulsion Machinery

Main Engines	2 x Caterpillar or Yanmar
Marine Gearbox	2 x Reintjes
Propulsion	2 x Controllable Pitch in Kort Nozzles
Bow Thruster	1 x HRP 5008 8Ton
Rudders	2 X High Lift Rudder System

Auxiliaries

Main Generator	2 x Caterpillar 3408 TA 280kw, 1500 rpm
Emergency Generator	1 x Cat 3056 DIT 99kW, 1500 rpm
Shaft Alternator	2 x Stamford 1000 kVA Double Bearing Marine Type
Accommodation	Fully air conditioning total 28 men
Moonpool	2.2m x 4.20m
Deck Crane	20t Deck Crane

Fire Fighting Equipments

Fire Pump	2 x Aker Kvaerner 1500 cu.m/hr @ 14 bar
Fire Monitor	2 x Aker Kvaerner 1200 cu.m/hr @ 12 bar
Fire Extinguish System	UNITOR Fixed CO2 system for Engine Room
Fire Hydrant and Fire Extinguisher	Accordance with Classification and Government Authority

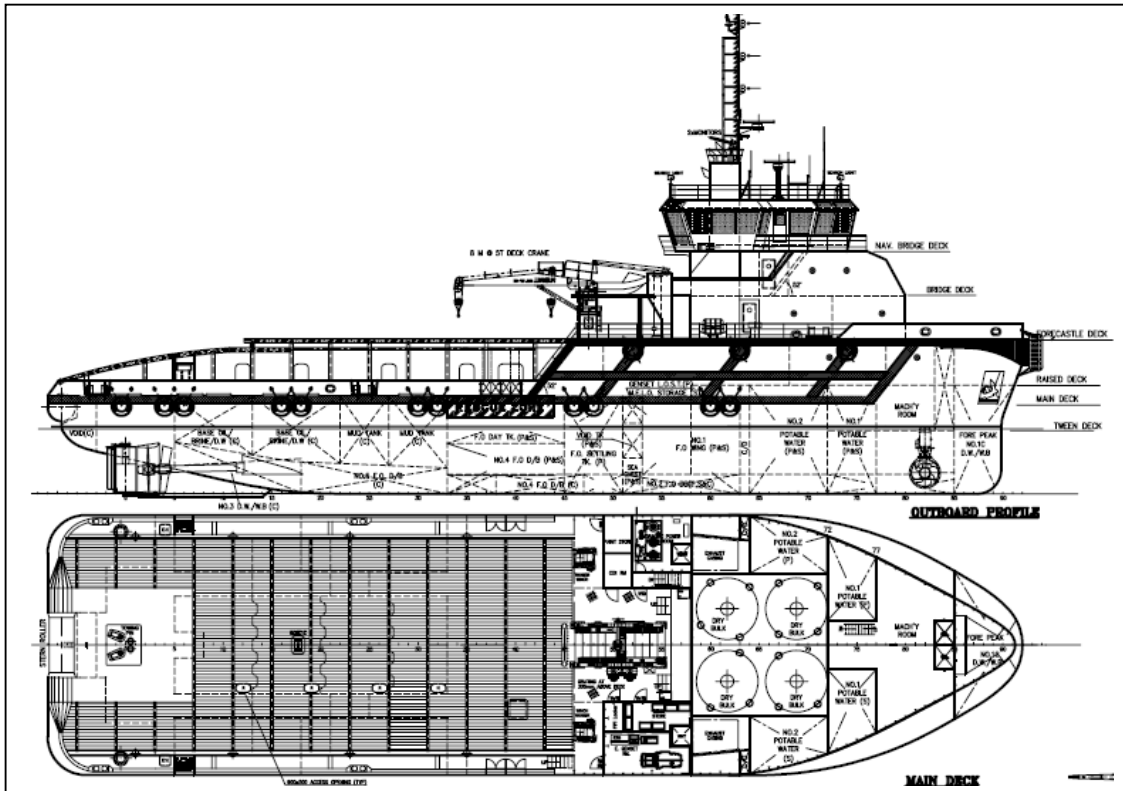
Deck Machinery

Anchor Windlass / Mooring Winch	1 x Zicom, drum pull 8T x 14m/min.
Tugger Winch	2 x Zicom rated pull (1 st layer) 10T x 15m/min
Anchor Handling / Towing Winch	1 x Zicom drum pull (1 st layer) 150 T x 6.0m/min
Hydraulic Storage Reel	1 x Zicom rated pull (1 st layer) 10T x 15m/min.
Shark Jaw	1 x Kamfork SWL 300 MT
Towing Pins	1 x Kamfork SWL 300 MT
Hydraulic Service Crane	1 x Zicom 5T x 10 m maximum outreach
Navigation & Comm. Equipments	GMDSS, Gyro Compass, Echo Sounder Radars, EPIRB, Navtex Receiver, Auto Pilot, Weather Fax, Speed Log, GPS Plotter
Life Saving Appliances	Accordance with Classification and Government Authority

VANTAGE

VANTAGE STEEL WORKS SDN. BHD. Company No. 378588-A
Lot 3801, Batu 6 ¼, Jalan Klinik, Bukit Kemuning, Seksyen 32
40460, Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: +603 5161 7208 Fax: +603 5161 7202
Website: www.vantageco.com Email: maxtham@vswsb.com.my

60m 60TBP 5400HP Anchor Handling Tug/Offshore Support Vessel



GENERAL

Type of Vessel
Plying Limit
Classification
Class

Port of Registry
Flags
Horse Power
Cruising Speed
Endurance

Anchor Handling Tug / Offshore Support Vessel
Unrestricted Services
ABS
* A1, Fire-Fighting Class 1 + Offshore Support Vessel

Malaysia
2 x 2722 hp
13.0 knots
22 days

Main Characteristics

L.O.A
L.W.L.
Beam Molded
Depth Molded
Max Draft
Deck Strength
Clear Deck Space
Deck Cargo
Deadweight
Bollard Pull

60.00 M
58.74 M
16.00 M
6.00 M
5.10 M
5 MT/sq m
390 sq. m
600 MT
1650 Tonnes at Summer Load Line Draft
60 Tonnes

Tank Capacity

Fuel Oil
Fresh Water
Liquid Mud
Base Oil
M.E. Lube Oil
Hydraulic Oil
Bilge Holding
Hydraulic Oil
Bilge Holding
Dirty Bilge
Dry Bulk
Foam
Dispersant
Sewage Holding
Cool Room
Cold Room

530 cu.m
480 cu.m
190 cu.m
180 cu.m
7 cu.m
2 cu.m
10 cu.m
2 cu.m
10 cu.m
11 cu.m
5500 cu.ft (150m3)
10 cu.m
10 cu.m
12 cu.m
12 cu.m
12 cu.m

Propulsion Machinery

Main Engines
Marine Gearbox
Propulsion
Bow Thruster
Rudders

2 x Caterpillar 3606DITA each of 2722 HP
2 x Reintjes LAF 1963L
2 x Berg BCP 690 Controllable Pitch in Kort Nozzles
1 x HRP 5008 8Ton
2 X High Lift Rudder System

Auxiliaries

Main Generator
Emergency Generator
Shaft Alternator

2 x Caterpillar 3408 TA 280kw, 1500 rpm
1 x Cat 3056 DIT 99kW, 1500 rpm
2 x Stamford 1000 kVA Double Bearing Marine Type
Unislip

Dry Bulk Handling System
Accommodation

Fully air conditioning total 26 men

Fire Fighting Equipments

Fire Pump
Fire Monitor
Fire Extinguish System
Fire Hydrant and Fire Extinguisher

2 x Aker Kvaerner 1500 cu.m/hr @ 14 bar
2 x Aker Kvaerner 1200 cu.m/hr @ 12 bar
UNITOR Fixed CO2 system for Engine Room
Accordance with Classification and Government Authority

Deck Machinery

Anchor Windlass / Mooring Winch
Tugger Winch
Anchor Handling / Towing Winch
Hydraulic Storage Reel
Shark Jaw
Towing Pins
Hydraulic Service Crane
Navigation & Comm. Equipments
Life Saving Appliances

1 x Zicom, drum pull 8T x 14m/min.
2 x Zicom rated pull (1st layer) 10T x 15m/min
1 x Zicom drum pull (1st layer) 150 T x 6.0m/min
1 x Zicom rated pull (1st layer) 10T x 15m/min.
1 x Kamfork SWL 300 MT
1 x Kamfork SWL 300 MT
1 x Zicom 5T x 10 m maximum outreach
GMDSS, Gyro Compass, Echo Sounder Radars, EPIRB, Navtex Receiver, Auto Pilot, Weather Fax, Speed Log, GPS Plotter
Accordance with Classification and Government Authority

VANTAGE

VANTAGE STEEL WORKS SDN. BHD. Company No. 378588-A
Lot 3801, Batu 6 1/4, Jalan Klinik, Bukit Kemuning, Seksyen 32
40460, Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: +603 5161 7208 Fax: +603 5161 7202
Website: www.vantageco.com Email: maxtham@vswsb.com.my

Appendices

**(References, Certification, Appreciation Certs and
Safety Awards)**



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD



Power Plant Industry





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Fabrication & Site Erection of Steel Structure

for Project 400MW Combined Cycle Generating Project at Bintulu Tanjung
Kidurong Combined Cycle Power Plant project (Unit 10 and 11)

Total: 817 tons
Completion by April 2018



Dimension: 25mH x 42.5mL x 31mW





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication & Site Erection of Steel Structure

**for Project 400MW Combined Cycle Generating Project at Bintulu Tanjung
Kidurong Combined Cycle Power Plant project (Unit 10 and 11)**

Dimension: 25mH x 42.5mL x 31mW

Total: 817 tons
Completion by April 2018





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Pre-Fabrication of Structural Steel Works

**EB05x- Dump Condenser Module (DCM)
for Bintulu Tanjung Kidurong Combined Cycle Power Plant (CCGT)**

Total Weight : 100 tons
~ Completed on Mar 2019





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Structure Beams Unit 1 & 2 **for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia**

Unit 1: 2227 tons
Unit 2: 2227 tons
~ Completed on Feb 2018





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Fabrication of Boiler Top Girder Unit 1 & 2 for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia

Unit 1: 426 tons
Unit 2: 426 tons
~ Completed on Jan 2018
Dimension : 32mL x 7mW x 2.2mH





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Boiler Top Girder Unit 1 & 2 **for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia**

Unit 1: 426 tons
Unit 2: 426 tons
~ Completed on Jan 2018
Dimension : 32mL x 7mW x 2.2mH





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Misc Piping Unit 1 & 2 **for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia**

Unit 1: 710 tons
Unit 2: 710 tons
~ Completed on Dec 2018

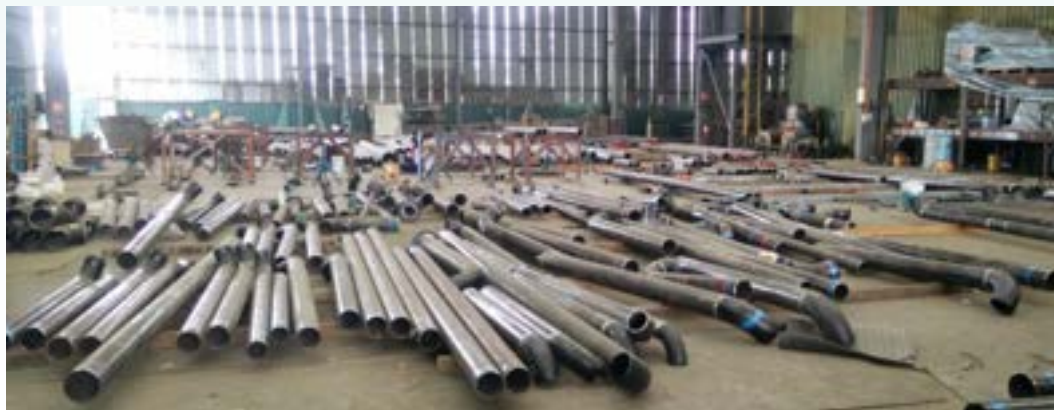




VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Misc Piping Unit 1 & 2 **for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia**

Unit 1: 1420 tons
Unit 2: 1420 tons
~ Completed on Dec 2018





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Scaffolding Frame & Accessories Unit 1 & 2

for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia

~ Completion on October 2017



Temporary Hanging Scaffolding Setting



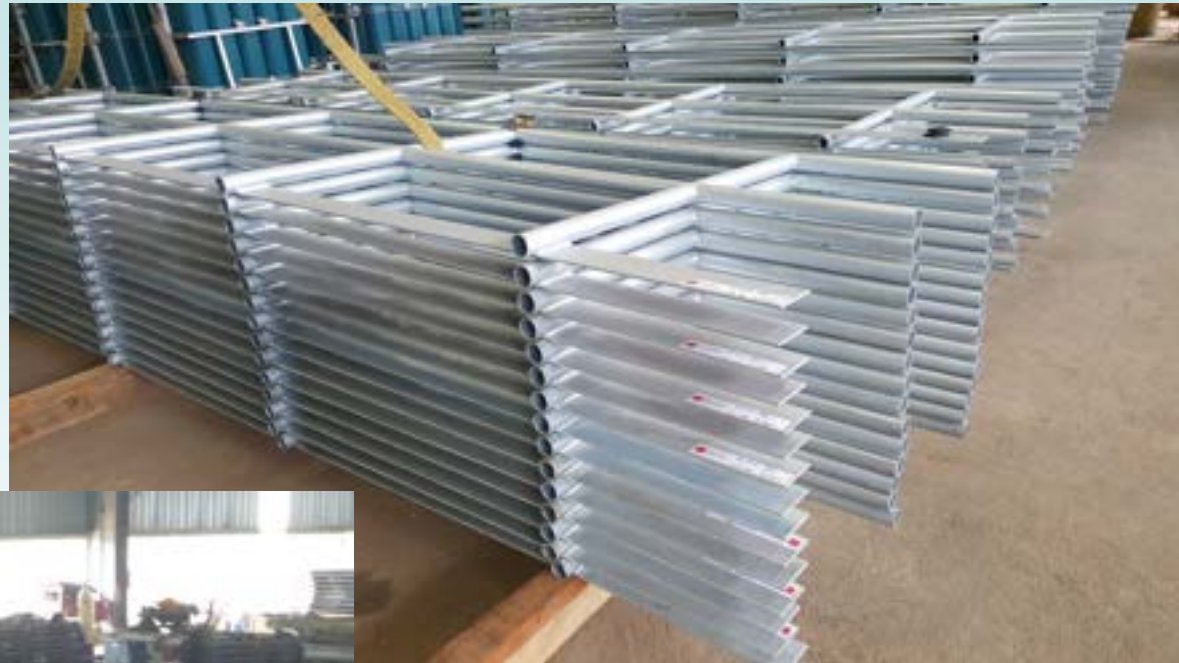
Pulley Block



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Handrails & Ladders **for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia**

Unit 1: 271 tons
Unit 2: 271 tons
~ Completed on July 2018





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Fabrication of Checkered Plate

for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia

Unit 1: 248 tons

Unit 2: 248 tons

~ Completed on July 2018





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Stair Stringers

for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia

Unit 1: 39 tons
Unit 2: 39 tons
~ Completed on July 2018





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication of Pipe Supports & Secondary Structures **for Jimah Power Plant 2 x 1000MW, Port Dickson, Malaysia**

Unit 1: 99 tons
Unit 2: 95 tons
~ Completion on April 2018





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Fabrication Air Preheater **2 units for Kyushu Matsura Project**

Unit 1: 302 tons
Unit 2: 302 tons
~ Completed on Feb 2018





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication Air Preheater H013490 APH

2 units for Java Island



Rotor Assembly

Unit 1: 146 tons
Unit 2: 146 tons
~ Completed on July 2017





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Furnace Front Wall assembly for Nippon Sheet Glass Plant, Johor





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Economizer Coils

for Jimah Power Plant, N.Sembilan





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Supply & Fabricate of Coal Bunker 10 sets for Cochran Thermoelectric Power Plant Project, Chile





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Supply & Fabricate of Coal Bunker 10 sets

for Cochran Thermoelectric Power Plant Project, Chile – *Completed & Delivery Unit 1 on May 2014*





Supply of Hydro-mechanical Equipment for Ulu Jelai Hydroelectric Project, Pahang, Malaysia



Pier Nose Liner
-Completed & Delivery October 2013



Pit Liner
-Completed & Delivery October 2013



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Supply of Hydro-mechanical Equipment for Ulu Jelai Hydroelectric Project, Pahang, Malaysia



Spiral Case and Embedded Parts-
Completed July 2013



Spiral Case and Stay Ring Unit#1
- Completed on Feb 2014



VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Machining Stay Ring

for Ulu Jelai Hydroelectric Project, Pahang, Malaysia





Supply of Hydro-mechanical Equipment

for Ulu Jelai Hydroelectric Project, Pahang, Malaysia



Diversion Tunnel Stoplogs
-Completed Oct 2012



Main Flushing Gate (Assembly Photos)
- Completed on Mar 2013



Supply of Turbine Parts

for Ulu Jelai Hydroelectric Project, Pahang, Malaysia



Draft Tube Liner
- Completed on June 2013



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Axial Fan Statics Parts

for COFFEEN#2, IATAN, JW TURK, Sandy Creek,
Coronado#2 project.

~ Completed in 2008, 2009 and 2010





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Axial Fan Statics Parts

for Flint Creek Project ~ Completed in Nov 2013





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Stacker without Long Travel Arrangement for GORO Nickel C 668 Project , New Caledonia





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Stacker without Long Travel Arrangement for GORO Nickel C 668 Project , New Caledonia



Started on Dec 2005
Completed on Aug 2006



Renewable Energy

Grate and Ram Feeder, NongKhai II Project, Thailand

Started on Apr 2021
Completed on Jan 2022



Test Run Grate Zone 1 & 5



Ram Feeder Assembly

VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Gas Turbine, Steam Turbine, Generators Machine Anchor & Embedment

Tambak Lorok, Indonesia (Sept 2018- Feb 2019)
Hsinta, Taiwan (Apr 2021- Jan 2023)
Tong Yeong, Korea (Sept 2021- Feb 2022)
Taichung, Taiwan (Oct 2021- Dec 2022)





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**



Oil & Gas





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Fabricate and Painting of 10 units of API 650 Storage Tank for 3679 Northern Oil Refineries Pty Ltd Gladstone Refinery Project



Completed on January 2013





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Superstructural Steelworks for Tarpon System Marginal Oil Field Platform- 4 sets



Quantity: 1,000 tons
Start on Dec 2011
Completed on May 2013





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Superstructural Steelworks for Tarpon System Marginal Oil Field Platform





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Superstructural Steelworks for Tarpon System Marginal Oil Field Platform



Balai platform load out



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Superstructural Steelworks for Tarpon System Marginal Oil Field Platform



Bentara Topside site installation



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Steel Fabrication Works for 40 Men Living Quarters Modular for Serendah Accommodation Topside Facilities



Level 1 LQ Module Load Out on 20th Dec 2012



VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Steel Fabrication Works for 40 Men Living Quarters Modular for Serendah Accommodation Topside Facilities



LQ Module 2 & 3 Load Out on 19th Jan 2013



VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Steel Fabrication Works for 40 Men Living Quarters Modular for Serendah Accommodation Topside Facilities



Living Quarter installed at site





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Stainless Steel - Analyzer House

Project Duration- October 2011 to January 2012



Trial Assembly



Ready for Delivery



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Steel Structure for Petronas LNG Train 9 Project

Project Duration- June 2013 to August 2014





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Steel Structure for Petronas LNG Train 9 Project

Project Duration- June 2013 to August 2014





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Platform & Ladder for Petronas LNG Train 9 Project

Project Duration- June 2013 to August 2014



Rectangular Platform



Circular Platform



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Hydrotest of Jacketed Piping for JML (Eastman Chemical, Gebeng, Kuantan)





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Fabrication & Hydrotest of Jacketed Piping for JML (Eastman Chemical, Gebeng, Kuantan)





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Fabrication of Pipe Spool

for JML (K2C Project Eastman Chemical Plant, Gebeng, Kuantan)





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Piping Works

Metering Skids with Commissioning



City Gate Skids with Commissioning



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Piping Fabrication & Structural works, E&I Works for 2 Gas Metering Skids **Sao Vang and Dai Nguyet Development Project**



SV Gas Size: 19.7m (L) x 2.3m (W) x 3.6m (H) ; Skid Dry Weight 41 Tons (845 DI)

TU Gas Size: 18.5m (L) x 2.3m (W) x 3.4m (H) ; Skid Dry Weight 32 Tons (663 DI)

(Completed on December 2018)



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Piping Fabrication & Structural works, E&I Works for 2 Gas Metering Skids **Sao Vang and Dai Nguyet Development Project**

SV Gas Size: 19.7m (L) x 2.3m (W) x 3.6m (H) ; Skid Dry Weight 41 Tons (845 DI)

TU Gas Size: 18.5m (L) x 2.3m (W) x 3.4m (H) ; Skid Dry Weight 32 Tons (663 DI)

(Completed on December 2018)



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Piping Fabrication & Structural works for Gas Allocation Metering Skid for Gorek, Larak & Bakong Fields Development Project

Gas Size: 19.0m (L) x 4.88m (W) x 2.62m (H) ; Skid Dry Weight 65 Tons (1496 DI)

Condensate Size: 12.0m (L) x 3.0m (W) x 2.75m (H) ; Skid Dry Weight 10.5 Tons (407 DI)



SARAWAK SHELL BERHAD

(Completed on 17 April 2019)



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Piping Fabrication & Structural works for Gas Allocation Metering Skid for Gorek, Larak & Bakong Fields Development Project

Gas Size: 19.0m (L) x 4.88m (W) x 2.62m (H) ; Skid Dry Weight 65 Tons (1496 DI)
Condensate Size: 12.0m (L) x 3.0m (W) x 2.75m (H) ; Skid Dry Weight 10.5 Tons (407 DI)



SARAWAK SHELL BERHAD

(Completed on 17 April 2019)



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Piping Fabrication & Structural works for Gas Allocation Metering Skid for Gorek, Larak & Bakong Fields Development Project



SARAWAK SHELL BERHAD

Gas Size: 19.0m (L) x 4.88m (W) x 2.62m (H) ; Skid Dry Weight 65 Tons (1496 DI)

(Completed on 18 April 2019)

Condensate Size: 12.0m (L) x 3.0m (W) x 2.75m (H) ; Skid Dry Weight 10.5 Tons (407 DI)





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

**Piping Fabrication & Site Installation works for Launcher, Block Valve, Receiver,
& Metering Station for Prai II Lateral Gas Pipeline Project (PRISM)**

(Completed on February 2015)





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Piping Fabrication & Installation works for Launcher, Block Valve, Receiver, & Metering Station for Prai II Lateral Gas Pipeline Project (PRISM)

(Completed on February 2015)





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Engineering Supply, Testing, Inspection and Delivery of Nitrogen Gas Receiver (Pressure Vessel)

for EPCC of Pengerang Deepwater Petroleum Terminal 2 (PTD2) , Pengerang, Johor.

Unit 1: 33 tons

Unit 2: 33 tons

~ Completed on May 2018



ID: 3.8m
Height : 14.3 m
Wall thk : 16t





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Engineering Supply, Testing, Inspection and Delivery of Nitrogen Gas Receiver (Pressure Vessel)

for EPCC of Pengerang Deepwater Petroleum Terminal 2 (PTD2) , Pengerang, Johor.

Unit 1: 33 tons
Unit 2: 33 tons
~ Completed on May 2018



ID: 3.8m
Height : 14.3 m
Wall thk : 16t





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Pig Launchers / Receivers

for EPCC of Independent Deepwater Petroleum Terminal,
Pengerang, Johor Darul Ta'zim project



Completed on November 2013



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD



Mining & Steel Mill Industry





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Electrode Column Upper Assemblies to Golmud & Haina, China

- Completed in Mar 2012 & July 2012



Electrode Column-
Slipping Frame



Start-up Column



Electrode Column- Mantle



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Furnace Bottom Support Ring for Koniambo Project, New Caledonia

~ Completed June 2010





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Water Cooled Roof Panels , Cooling Water Piping Circuits, Furnace Shell



Water Cooled Roof Panels



Cooling Water Piping Circuits



Furnace Shell



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Structural Elements for Flash Furnace for the project Design Improvement of Flash Furnace Settler to Chile

- Completed on January 2013



Trial Assembly of Furnace Bottom Plate Saddle



Side Wall Buck Stay



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Structural Elements for Flash Furnace for the project Design Improvement of Flash Furnace Settler to Chile

- Completed on January 2013



Delivery Bottom Plate Saddle to Port Klang



Delivery by RORO vessel



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

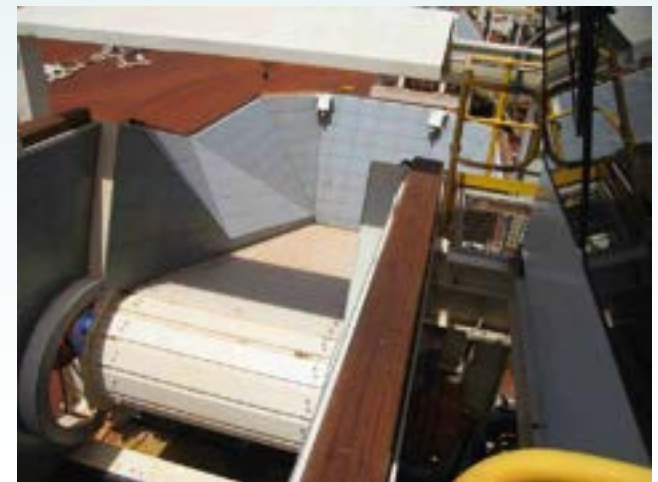
TTMS- Mobile Crusher



TTMS



Bridge 45 & System #1 TTMSs



TTMS Apron Feeder



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Fabrication of TEREX Structure



MJ 47 Structural Base



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Fabrication of TEREX Structure



MJ 42A Base Structure



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication SNIM Dumper Cage

- Completed on End October 2014





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fabrication Work of 4 sets Indurating Machine Tipping Wheel & Drive Wheel



Completed in August 2019



Dust Pan



VANTAGE *STEEL WORKS SDN BHD*
KEMUNING *ENGINEERING SDN BHD*

General Industry



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Manufacturing of TCM RTG Crane (50 units) for North Port Malaysia



Last 17 units - Completed on April 2013



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD



Marine Dredgers





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Marine Dredgers Engineering Works

CSD 450



Construction of CSD 450 to Lion Waterway Logistics S/B, Banting, Selangor, Malaysia



Launching of CSD450



Spud hoisting and spuds



Ladder Gantry



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Marine Dredgers Engineering Works

CSD 500



Construction of CSD 500 to Jordan Modern Industries,
Amman, Jordan



Cutter Ladder &
Cutter Drive

Ladder Gantry





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Marine Dredgers Engineering Works

CSD 600



Construction of CSD 600S to Jordan Modern Industries, Amman, Jordan



Hydraulic piping on
cutterladder



Auxiliary engine room



VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Marine Dredgers Engineering Works

CSD 600



Construction of CSD 600 to Arab Potash Company, Amman, Jordan



Hydraulic System &
Piping System



Engine Room



VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Marine Dredgers Engineering Works

CSD 750



Construction of GANGA CSD 750S (Mono Hull)



Hull Assemble on Floating Dock



Launching of CSD 750S on
20m x 60m Floating Dock



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Cutter Ladder for CSD 850- Unit 2





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Hoisting Equipment ~ Intermediate Gantry

Delivery May 2014





VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Repair Vessel Lion Kim-Trans Dry Docking at Jetty Site

Completed in March 2019





VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

Fabrication of Jack Up Pontoon

Delivered out in June 2019

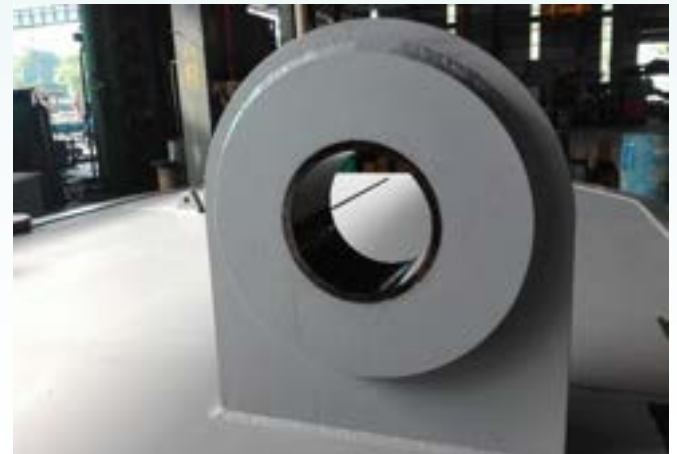




VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

10 units of Bottom Doors and Main Stems

Completion in October 2019



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Bow Connections and Cardan Ring with Arm Piece and Suction Hose

Completion in September 2019





VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

Trailing Suction Pipe - Upper & Lower

Delivered out in September 2019



Length: 14.6m x 2 length
OD: 1m





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Intermediate, Draghead, Trunnion Gantry Unit 1 & 2

Completion in April 2021



Trunnion Gantry



Draghead Gantry



Intermediate Gantry



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Intermediate, Draghead, Trunnion Gantry Unit 1 & 2

Completion in April 2021



Bow Coupling



Draghead Platform



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Fixed Part Draghead Gantry

Completion in July 2022



Delivery Loadout



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Machinery Equipment



VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

Automatic CNC Drilling and Sawing Machine

FICEP Beam Line Model: 1224 DB



I-beam Web
Height: max
1220mm

I-beam Flange
Width: max
600mm

All beams length:
max 13000mm

Vertical drill heads:
1 no

Horizontal drill
heads : 2 nos

Marking unit &
Sawing Unit





VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

CNC Cutting Services



DAMA CNC Flame / Plasma Cutting Machine

Cutting Bed: 3 meters (W) x 13 meters (L)
Torch: i) 2 x Flame (300mm)
ii) 1x Plasma



FUSION CNC Plasma Cutting Machine

Cutting Bed: 3 meters (W) x 17 meters (L)
Torch: i) 1x Plasma
ii) 2x oxy-acetylene



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Rolling & Pressing Services



Hugh Smith Vertical Rolling Machine

Capacity: 1200 metric tons
Max. plate thickness: 65mm
Max. height: 3.5meters



Vertical Hydraulic Press

Capacity: 3900 metric tons
Max. width: 6meters

Rolling & Pressing Services



Hugh Smith Vertical Rolling Machine

Capacity: 1200 metric tons

Max. plate thickness:

100 ~ 120mm (for mild steel plate)

Max. height: 3.0meters



VANTAGE STEEL WORKS SDN BHD **KEMUNING** ENGINEERING SDN BHD

Machining Services

CNC Column Moving Type Borer Model HBM-6T



Specification

Column Moving Type Borer Model HBM-6T

ITEM	UNIT	HBM-6T
X axis table cross travel	mm	5500
Y axis headstock vertical	mm	3200
Z axis column long travel	mm	2000
Quill diameter	mm	130
W axis (quill) travel	mm	700
Spindle power	kW	37/45 (std)
Max. spindle speed	rpm	35-3000
Spindle torque	Nm	1942/2362 (std)
Table size	mm	2500 x 2500
Rotary table indexing degree	degree	0.001°
Max. table loading capacity	kg	30,000

CNC Fanuc 31i Control



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Machining Services



Double Column Vertical Turret Lathe

Max. diameter: 6 meters, table 5 meters
Max. height: 3.2 meters
One arm CNC retrofitted with CNC Controller
X: 1.30m ; Z:4.0m



Horizontal Boring Mill

X Travel length: 15m Y Travel height: 3.5m
Z₁ Spindle travel: 1.5m Z₂ Quill travel: 0.9m
Rotary table: 2.0m x 2.0m x 360° rotary turn



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**

Machining Services



CNC Teach-In Lathe Machine

Centre Distance: 5 meters

Max. Swing over Bed: \varnothing 900mm

Max. Swing over Cross Slide: \varnothing 600mm

Spindle Bore: \varnothing 104mm



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Machining Services



CNC Turning Centers

Maker: HASS Automation, Inc

Model: SL-40

Chuck size: 381mm

Axis Z: 1110 mm

Axis X: 431 mm



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Machining Services



CNC Gantry Type Vertical Machining Center

X table Travel: 4.20m
Y spindle Travel: 2.40m
Z spindle Ram: 1.00m
Table size: 1.50m x 4.00m
With Right Angle Head
index trun 15° degree
increment
CNC Controlled: Fanuc
Control 15m



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Machining Services Portable Milling & Boring Machine



Machining Diameter: 6m to 11m



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

Machining Services - Portable Milling Machine



Machining Size: 2m X 2m





VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD

ACCREDITATION & LETTER OF APPRECIATION

VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

DUPLICATE

BUREAU VERITAS
Certification



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD
LOT 3801, BATU 6 1/4, JALAN KLINIK, BUKIT KEMUNING, SEKSYEN 32,
40460 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below.

ISO 9001:2015

Scope of certification

SUPPLY AND FABRICATION OF STRUCTURAL STEEL WORKS, PIPING WORKS AND MECHANICAL WORKS FOR OIL & GAS INDUSTRY, PETROCHEMICAL INDUSTRY, CEMENT PLANT, POWER PLANT AND GENERAL INDUSTRIAL PLANTS.

Original Cycle Start Date: 26 December 2008
Expiry Date Of Previous Cycle: 25 December 2020
Recertification Audit Date: 19 November 2020
Recertification Cycle Start Date: 26 December 2020

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 25 December 2023

Certificate No: Q132229 Version: No. 1 Revision date: 22 December 2020


Rajiv AG
Commodities & Certification Director



Certification body address: 39 Floor, 69 Persuad Street, London, E1 6AG, United Kingdom
Local office: Bureau Veritas Certification (Malaysia) Sdn Bhd
Lot 18-01 & 18-02, 186 Floor, Menara KH,
Jalan Sultan Ismail,
50250 Kuala Lumpur,
Malaysia.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call: +603 2753 1700

DUPLICATE

BUREAU VERITAS
Certification



VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD
LOT 3801, BATU 6 1/4, JALAN KLINIK, BUKIT KEMUNING, SEKSYEN 32,
40460 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

Bureau Veritas Certification certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below.

ISO 9001:2015

Scope of certification

SUPPLY AND FABRICATION OF STRUCTURAL STEEL WORKS, PIPING WORKS AND MECHANICAL WORKS FOR OIL & GAS INDUSTRY, PETROCHEMICAL INDUSTRY, CEMENT PLANT, POWER PLANT AND GENERAL INDUSTRIAL PLANTS.

Original Cycle Start Date: 26 December 2008
Expiry Date Of Previous Cycle: 25 December 2020
Recertification Audit Date: 19 November 2020
Recertification Cycle Start Date: 26 December 2020

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 25 December 2023

Certificate No: QMS131321 Version: No. 1 Revision date: 22 December 2020


Rajiv AG
Commodities & Certification Director


ACB QMS 19

Certification body address: 39 Floor, 69 Persuad Street, London, E1 6AG, United Kingdom
Local office: Bureau Veritas Certification (Malaysia) Sdn Bhd
Lot 18-01 & 18-02, 186 Floor, Menara KH,
Jalan Sultan Ismail,
50250 Kuala Lumpur,
Malaysia.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call: +603 2753 1700

VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD



DUPLICATE



Certificate of Conformity of Factory Production Control

This certificate is issued to:

Manufacturer:

Vantage Steel Works Sdn Bhd
Kemuning Engineering Sdn Bhd
Lot 3801, Batu 6 1/4, Jalan Klinik
Bukit Kemuning, Seksyen 32
40460 Shah Alam, Selangor Darul Ehsan, Malaysia

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Manufacturing of Steel Structures and Assembly for the use in all types of construction works (Excluding Design Responsibility)

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 1090-1: 2009 + A1: 2011 Execution of steel structures and aluminium structures - Part 1: Requirements of conformity assessment of structural components

under system 2+ are applied and that the factory production controls fulfil all the prescribed requirements set out above.

The attached Schedule, of the same date, details the manufacturing location(s), harmonised product standard and product parameters and shall form a part of this certificate.

This Certificate will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Certificate No: 2814/CPR/MUM/2210005/1
Original Approval: 10 March 2022
Current Certificate: 10 March 2022
Expiry Date: 09 March 2025
LRQA Notified Body Number: 2814

B.Viswanath, Decision Maker on behalf of LRQA Verification B.V.

LRQA Notified Body (Reg. no. 24007487) is a private limited company registered in the Netherlands with registered office at Lange Wetering 11, 3306 AA Rotterdam. A subsidiary of LRQA Group Limited.
LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this document as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or for any other reason, unless that person has agreed a contract with the relevant LRQA entity for the provision of this information or advice and that that person understands and acknowledges the liability and exclusions on the terms and conditions set out in that contract.



DUPLICATE



Certificate of Conformity of Factory Production Control No: 2814/CPR/MUM/2210005/1 Schedule

Manufacturer:

Vantage Steel Works Sdn Bhd
Kemuning Engineering Sdn Bhd
Lot 3801, Batu 6 1/4, Jalan Klinik
Bukit Kemuning, Seksyen 32
40460 Shah Alam, Selangor Darul Ehsan, Malaysia

Manufacturing Location and Products

Lot 3801, Batu 6 1/4,
Jalan Klinik Bukit Kemuning, Seksyen 32
40460 Shah Alam, Selangor Darul Ehsan,
Malaysia

Standard, Grade and Size

EN 1090-1:2009 + A1: 2011
EN 1090-2:2018

Fabricated Steel Components for use in all types of construction works, (excluding design responsibility)

EN 1090-2:2018 up to EXC3

Parent material groups:

1.1, 1.2, 1.3, 1.4 as per ISO/TR 15608:2017

Welding and allied Processes (ISO 4063):

111 (MMAW), 123 (SAW), 136 (FCAW), 141 (TIG)

Responsible welding co-ordinator (s)

Teh Li Huang

Qualification

CSWIP 3.1 Welding Inspector (Certificate no. 455806)

Koh Boon Guan

CSWIP 3.1 Welding Inspector (Certificate no. 455805)

CE marking method :

3a

Schedule Issue:

00

Date of Schedule Issue:

10 March 2022

LRQA Notified Body Number

2814

B.Viswanath, Decision Maker on behalf of LRQA Verification B.V.

LRQA Notified Body (Reg. no. 24007487) is a private limited company registered in the Netherlands with registered office at Lange Wetering 11, 3306 AA Rotterdam. A subsidiary of LRQA Group Limited.
LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this document as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or for any other reason, unless that person has agreed a contract with the relevant LRQA entity for the provision of this information or advice and that that person understands and acknowledges the liability and exclusions on the terms and conditions set out in that contract.



DUPLICATE

CERTIFICATE OF APPROVAL

LRQA Verification Limited
hereby certifies that the company:

Vantage Steel Works Sdn Bhd
Kemuning Engineering Sdn Bhd
Lot 3801, Batu 6 ½, Jalan Klinik
Bukit Kemuning, Seksyen 32
40460 Shah Alam, Selangor Darul Ehsan, Malaysia

has furnished proof to fulfil the
quality requirements for welding according to:

ISO 3834 – 2 : 2021

Quality requirements for fusion welding of metallic
materials - Part 2: Comprehensive quality requirements
in the extent mentioned on the schedule of this certificate.

This certificate is valid only in association with the certificate schedule bearing the same number.

Approval Certificate No: PRJ11100333023/01	Original Approval	±	14 March 2022
	Current Certificate	±	14 March 2022
	Certificate Expiry	±	13 March 2027

Thirumal Valavan on behalf of LRQA Verification Ltd.

Page 1 of 2



LRQA Verification Limited (Reg. no. 400543) is a limited company registered in England and Wales, Registered Office: 1 Trinity Park, Forest Road, Birmingham B37 7YU.

A subsidiary of LRQA Group Limited

LRQA Group Limited, its officers and employees are their respective offices, employees or agents are, individually and collectively, referred to in this document as 'LRQA'. LRQA accepts no responsibility and shall not be liable in any period for any loss, damage or expense caused by reliance on the information or advice in this document in financial, taxation, other legal or other matters. The signatory has signed a contract with the relevant client under the provisions of the Information and Services Act 1990 and in that case any responsibility or liability is determined by the terms and conditions set out in that contract.



DUPLICATE

CERTIFICATE SCHEDULE

Vantage Steel Works Sdn Bhd
Kemuning Engineering Sdn Bhd
Lot 3801, Batu 6 ½, Jalan Klinik
Bukit Kemuning, Seksyen 32
40460 Shah Alam, Selangor Darul Ehsan, Malaysia

Type of products: Pressure Vessels, Furnaces and Mill Housing, Steel Structures, Piping Skids, Storage Tanks, Pig Launchers, Mechanical Equipment, Steel Embedment, Dredging Equipment

Product standards: ASME Section VIII Div. 1, AWS D1.1, AWS D1.6, ASME B31.3 and Client Specifications

Parent materials groups
(ISO/TR 15608)
1.1, 1.2, 1.3, 1.4
8.1, 8.2

Welding and allied processes
(ISO 4063)
111, 121, 136, 141

Welding Co-ordinator(s)

Name	Qualification		
Mr Teh Li Huang	Comprehensive knowledge	Interview	Qualified by
Mr Koh Boon Guan	Comprehensive knowledge	Interview	Qualified by

Approval Certificate No: PRJ11100333023/01	Original Approval	±	14 March 2022
	Current Certificate	±	14 March 2022
	Certificate Expiry	±	13 March 2027

Thirumal Valavan on behalf of LRQA Verification Ltd.

Page 2 of 2



LRQA Verification Limited (Reg. no. 400543) is a limited company registered in England and Wales, Registered Office: 1 Trinity Park, Forest Road, Birmingham B37 7YU.

A subsidiary of LRQA Group Limited

LRQA Group Limited, its officers and employees are their respective offices, employees or agents are, individually and collectively, referred to in this document as 'LRQA'. LRQA accepts no responsibility and shall not be liable in any period for any loss, damage or expense caused by reliance on the information or advice in this document in financial, taxation, other legal or other matters. The signatory has signed a contract with the relevant client under the provisions of the Information and Services Act 1990 and in that case any responsibility or liability is determined by the terms and conditions set out in that contract.



PERAKUAN PENDAFTARAN

Adalah dengan ini diperakui bahawa kontraktor yang dinyatakan di bawah ini telah berdaftar dengan Lembaga mengikut Bahagian VI Akta Lembaga Pembangunan Industri Pembinaan Malaysia 1994. Pendaftaran ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan bersama perakuan ini.

No. Pendaftaran	:	1970226-WP023573
Nama Kontraktor	:	VANTAGE STEEL WORKS SDN. BHD.
Alamat Berdaftar	:	B607,TINGKAT 6,BLOCK B KELANA SQUARE 17,JALAN SS7/26,KELANA JAYA 47301 PETALING JAYA
Daerah	:	PETALING
Tarikh Mula Berdaftar	:	20/02/2000

<u>GRED</u>	<u>KATEGORI</u>	<u>PENGKHUSUSAN</u>
G7	B	B04 B18
G7	CE	CE21
G7	ME	M15

Tarikh Mula Berkuatkuasa : 07/01/2022

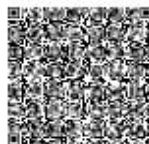
Tarikh Habis Tempoh Perakuan : 16/03/2025

STATUS: AKTIF

Ketua Eksekutif

Lembaga Pembangunan Industri Pembinaan Malaysia

Tarikh: 07/01/2022



JKDM No. 3

No. Lesen/Sijil
Licence/Certificate No.



B10-G6-2009-00000143-A

JABATAN KASTAM DERAJA MALAYSIA
ROYAL MALAYSIAN CUSTOMS DEPARTMENT

LesenSijl
Licence Certificate

GUDANG PENGILANGAN BERLESEN (GPB)

KEMUNING ENGINEERING SDN BHD

Name of Company:

Alamat Syarikat/Premis Perniagaan:
Address of Company/Business Premise

Dilaksanakan di bawah Akta/Sekresi/Peraturan:
Licensed under Act/Section/Regulation:

Active
ActiveHerbert Kanner:
2.000.000,-

Tempat diterbitkan:
Place of issue:

Tarikh Shikharan:
Date of issue:

10. L01 0001, BATE 4% JALAN KLINIK
BUKIT KEMUNING, SERIANG JI
40000 MDAH ALAM, SERIANGOR DARTU, EPPSA.

11. L01 001, NO. HAKHERIK 3091, BENTING TENGGAH
TELUK PANGLIMA LAKANG
62000 KT ALA LANGAU, SERIANGOR DARTU, EPPSA.

SEKVEN 45A SKTA KASTAM 1967 DAN SYARAT-SYARAT
SEPERTI DI LAMPIRAN C BERKEMBAR:
KE.DIRJUTD405-07/UKL.T.2 (29)

MISCELLANEOUS AIRPORT STRUCTURE, CEMENT PLANT EQUIPMENT, POWER STATION EQUIPMENT, PETROLEUM CHEMICAL EQUIPMENT AND BUILDING, PHARMACEUTICAL BUILDING, MEDICALS, PLANT LABORATORY EQUIPMENT, STEELWORK FOR BRIDGES, ROADS, BRIDGE PAPER, PAPER TUBES, PAPER BEAMS FOR OTHER WAREHOUSE TROUGH, ALUMINUM, PULP, PRELIMINATED STEEL PRODUCTS, DRUMS AND EQUIPMENT, SHIP AND BARGES, MARINE EQUIPMENT, PRECISION METAL, STAMPED PRODUCTS, PRECISION METAL, SKEWER PRODUCTS, LIGHT WEIGHT STEEL FRAMING, COMPONENTS, METAL ROOF AND CLADDING MATERIALS, MODULAR BUILDING, SOLUTIONS FOR AIRLINE AIRCRAFT LIFT.

01 SEPTEMBER 2021 Accepted: 31 OCTOBER 2021

CAWANGAN PERINDUSTRIAN SELANGOR

17 SEPTEMBER 2003



SURAYA BINTI SHAMSUDIN

S.p. Ketua Pengarah Kastam
for the Director General of Customs

Bayarun kasa na alƙalafi ana bayar RM 200.00 aƙalafi
Bayarun aƙalafin RM 2,400.00 aƙalafi
Mumayyaz na 10.

VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

LPK/JOM/100-16/2024 5


PORT KLANG
MALAYSIA

LEMBAGA PELABUHAN KELANG

PERMIT UNTUK MENJALANKAN OPERASI/AKTIVITI JETI PERSENDIRIAN
DI DALAM HAD PELABUHAN, PELABUHAN KLANG.

(Sek. 3(2)(v), 20, 21 dan 22(1), Port Authorities Act 1943)

Nama Syarikat : VANTAGE HOLDINGS SDN. BHD.
90201-A

Alamat Jeti : Lot 811, No. Hakmilik 2051,
Beting Tengah, Telok Panglima Garang,
42500 Kuala Langat, Selangor.

Dagangan/Aktiviti pengendalian yang dibenarkan seperti berikut:

1. Pembinaan kapal pengeruk pasir.
2. Shipyards
3. Pembinaan Struktur industri minyak dan gas.

Tempoh kuatkuasa : 01 Januari 2022 hingga 31 Disember 2022


Pengurus Besar
Lembaga Pelabuhan Kelang

Tarikh : 28 Disember 2021

* Operasi-ayatan permit, akan ngak di maha seterah



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**



Received on 29th June 2022

VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

sarawali energy



Tanjung Kidurong CCPP Project

Certificate of Recognition
awarded to

Vantage Steel Work Sdn.Bhd

for Participating and Demonstrating
Best Lifting Operations
During Lifting Safety Campaign 2019
"SAFE LIFTING"
On 31 March 2019

Zhou Xiaolin
Project Director (Sinohydro)

Bhavin Doshi
Project Director (GE)



Faiveley Brecknell Willis
A Wabtec Company

PO Box 10
Chard
Somerset, TA20 2DE
England

Tel: 01480 260700
Fax: 01480 86122
brecknellwillis@wabtec.com
www.brecknellwillis.com

Platinum Railway Engineering Services Sdn. Bhd.
No.12, Jalan PJU 1A/14
Taman Perindustrian Jaya
47200 Subang
Ara Damansara
Selangor Darul Ehsan
Malaysia

Our ref:
Your ref: PRES/PO/HS/800-Vantage

PROJECT MASS RAPID TRANSIT LALUAN 2: SUNGAI BULOH-SERDANG-PUTRAJAYA (SSP)
Contract No.: MRTCORP/KVMRT-SSP/SYS/204/SW/39/2016.
SYSTEM WORKS PACKAGE SSP-SY-204: ENGINEERING, PROCUREMENT,
CONSTRUCTION, TESTING & COMMISSIONING OF TRACKWORKS, MAINTENANCE
VEHICLES AND WORK TRAINS.
- Local Supplier Approval

This is to confirm that Brecknell Willis & Co Ltd have approved the following company for the supply of
conductor rail support assemblies for the above referenced project in Kuala Lumpur:

VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD
Lee 3801, Batu 6 1/4, Jalan Klinik, Bukit Kemuning,
Sek 32, 40460 Shah Alam, Selangor D.E., MALAYSIA
Tel: +603-51617208 / 07 / 06 Ext: 1030 Fax: +603-51617202
H/P: +6012-393 8509
Email: cs@vswsb.com.my
Web: <http://vswsb.com>

We trust the above meets with your satisfaction, however, should you have any queries or wish to discuss
this matter further, please do not hesitate to contact us.

Yours faithfully

Lee Brun
Design Manager

For and on Behalf of
Brecknell Willis & Co. Ltd

VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

Letter of Appreciation



PETRONAS LNG Train-9 Project Team
Wishes to Recognize

Vantage Steel Works Sdn Bhd,
Shop Fabrication of Steel Structure
& Platform and Ladders

For your team effort and performance contributing to our successful execution of the PETRONAS LNG Train-9 Project

Kaji Takemoto, Project Manager
PETRONAS LNG Train-9 Project
Consortium of JGC Corporation and
JGC (Malaysia) Sdn. Bhd.

Yulchira Yana, Project Procurement
Manager



ANDRITZ
Ulu Jelai Project Sdn Bhd

Ref No: UJ_AMY_VAN_2014_001.docx

Mr. Wong King Lone

Vantage Steel Works Sdn. Bhd.
Lot 3901, Batu 6 1/2, Jalan Kinok
Bukit Kemuning, Seksyen 32
40450 Shah Alam, Selangor

Your Ref:	Your Contact:	By Design / Job:	Date:
MY-AMUJOW		Christoph Mehlert	4 DEC 2014 09:55
		E-Mail:	Date:
		christoph.mehlert@andritz.com	18.12.2014

LETTER OF APPRECIATION

We are would to express our appreciation to Vantage Steel Works Sdn. Bhd. for the completion of below works:

- Fabrication of Gates, Stoplogs and Trashracks for Lemoi and Telom dam
- Fabrication of Stoplogs for Tailrace and Draft Tube
- Fabrication of Telom dam bypass/overflow channel Stoplogs

The works are executed and delivered with high level of quality and met all our requirements. Thank you for all your support and commitment. We look forward to working with you again in the future.

Yours truly,
For ANDRITZ Ulu Jelai Project Sdn. Bhd

CHRISTOPH MEHLERT
Managing Director
ANDRITZ Ulu Jelai Project Sdn. Bhd

ANDRITZ Ulu Jelai Project Sdn Bhd
40000 AS
Registered address :
Lot 18, The Gardens North Tower
Mid Valley City, Lingkaran Road Kuala Lumpur, Malaysia
Phone: +603 2281 1745
Fax: +603 2281 2708
Email: andritz.ulu@andritz.com

Business address :
A-10 F, Jalan 30, Block A, Menara Ulu Kelang
Molek Road, Seksyen 17, Petaling Jaya, Selangor, Malaysia
Phone: +603 2281 1745
Fax: +603 2281 2708
Email: andritz.ulu@andritz.com

Branch address
Bank Negara, Cheras Road, (Malaysia) Berneam
Bank Negara (Sdn Bhd) 55000 Kuala Lumpur
Bank Negara (Sdn Bhd) 55000 Kuala Lumpur
Bank Negara (Sdn Bhd) 55000 Kuala Lumpur
Bank Negara (Sdn Bhd) 55000 Kuala Lumpur
Bank Negara (Sdn Bhd) 55000 Kuala Lumpur

VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD



08/10/2013

VANTAGE STEEL WORKS SDN BHD
KEMUNING ENGINEERING SDN BHD
Lot 3801, Batu 6 1/4, Jalan Klinik, Bukit Kemuning,
Sek 32, 40460 Shah Alam, Selangor D.E., MALAYSIA.

Our ref: H008516/TERMOTASAJERO PROJECT
Your ref:

Howden UK
New Street Works
Charnel Commercial Park
Queen's Road
Belfast BT3 9DT
United Kingdom

Tel: +44 28 9046 7381
Fax: +44 28 9073 2993
Web: www.howden.com

Dear Sirs,

I'm pleased to confirm that Vantage contribution and professional approach to the Termotasajero Project has been well recognized by our company.
On behalf of Howden UK Ltd I would like to thank you for your support and commitment in manufacturing of Air Preheater for this project.

Yours sincerely,

Konrad Glowka
SubContract Procurement Engineer
Howden UK Ltd
Queen's Road, Belfast.



Corporación Nacional del Cobre
División Chuquibambilla
Gerencia Proyectos
11 Norte Nº 1291 Villa Exaltado Celama - Chile



Chuquibambilla, 28 de agosto de 2013
GP-465/13

Señor:
Max Tham Weng Hoe
Kemuning Engineering Sdn.Bhd (Vantage Steel Works)
Presente

REF: LETTER OF APPRECIATION

In 2012, Codelco Chuquibambilla Division, first worked with Vantage in the procurement of the structures for the new design Settler Flash Furnace. During this project, Vantage maintained a high level of quality in its manufacturing work, in addition to exhibiting tremendous professionalism. We are grateful for the effort put into the work done for the project and hope to work together again in the future.

Sincerely,

CARLOS ZAPATA MUÑOZ
Gerente de Proyectos



Settler Flash Furnace: Bottom Saddle (300,380 kg)



Settler Flash Furnace: Grillage Beam (26,800 kg)

cc: Archive

VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

IHI IHI Corporation (98225112)
Kuala Lumpur Branch
Letter Box No 52, 21st Floor, UBN Tower,
10 Jalan P. Ramlee, 50250 Kuala Lumpur
Tel: +603-2072 1288 Fax: +603-2072 1418

KEMUNING ENGINEERING SDN. BHD.
Lot 3801, Bt 6/A, Jalan Klinik,
Bukit Kemuning, Seksyen 32,
40460 Shah Alam, Selangor, Malaysia
Attention: Mr. Max Tham Weng Hoe / General Manager



Certificate of Appreciation

We IHI Corporation are very much pleased to certify Kemuning Engineering Sdn. Bhd. as one of IHI's Core Vendors. This is just to express our gratitude towards your services and most valuable support rendered to IHI for Touden Kashima (KM-7) Project in Japan for following work:

- Fabrication & Delivery of HRSG Restrainers
- Fabrication & Delivery of HRSG Baffle Plates
- Fabrication & Delivery of HRSG Gas Baffle Plates

We also take this opportunity to highly appreciate your Management System, which is a key factor to achieve the Products to be delivered on time with the best Quality.

We are really honoured to have a mutual beneficial relationship with you and wish to continue the same and look forward for a more prosperous future than the past.

Masanori Otsuki
General Manager - IHI AP

Shiro Mitsubishi
General Manager - IHI Kuala Lumpur Branch, Procurement



Sheridan Science and Technology Park, 2600 Spadina Drive
Mississauga, Ontario, Canada L5K 2R7
Tel. 905 855 7600 • Fax: 905 855 8270 • www.hatch.ca

Date: 15-Sept-2010

Mr. Max Tham Weng Hoe
Kemuning Engineering Sdn. Bhd (Vantage Steel Works)
Lot 3801, Bt 6/A Jalan Klinik
Bukit Kemuning, Seksyen 32
40460 Shah Alam Selangor
Darul Ihsan

Letter of Appreciation

Since March 2009, Hatch Furnace Group has been working with Vantage on various procurement packages related to the Koniambo Project. During this period, Vantage has maintained an extremely high level of quality in their fabrication work, as well as exhibiting tremendous professionalism. We greatly appreciate the effort put into the equipment completed to date and look forward to working together frequently in the future.

Sincerely,


Frank Strober
Global Director
Hatch Furnace Group

Koniambo Furnace
Bottom Support Ring and Water-cooled Hold Down
Ring Beam
Total Mass: 270 000 Kg



Koniambo Furnace
Water-cooled Roof Dome Skew Ring
Total Mass: 4500 Kg



ALSTOM

We are Shaping the future


Certificate of Appreciation

This Certificate is presented to

VANTAGE STEEL WORKS SDN. BHD.

In recognition of your contribution and team effort towards the completion of Ljungstrom® Air Preheater fabrication works in Tokyo Electric Power Co. / Hitachinaka Power Station #2 Project.

June 10, 2011


Tomoharu Miyamoto
Director / Division Manager
ALSTOM K.K.



VANTAGE STEEL WORKS SDN BHD **KEMUNING ENGINEERING SDN BHD**



August 2009

Hawiyah NGL Recovery Project

Certificate of Achievement

KEMUNING ENGINEERING SDN.BHD.

For your team effort and performance contributing to our
successful execution of the Hawiyah NGL Recovery Project



SATOSHI SATO
Project Director
JGC Corporation

TAKASHI KIYAMA
Project Procurement Manager
JGC Corporation

TCM CORPORATION

1-15-5 Simbashi Minato-ku Tokyo, 105-0003, Japan

Tel: +81 3 3591 8171 Fax: +81 3 3591 8167

Letter of Appreciation

This is to place on record our sincere appreciation to Vantage Steel Works Sdn Bhd. their major contribution in the following projects in Malaysia:

- Project Name: 5 Units Rubber Tyred Gantry Crane
- P.O./Contract No.: TCM - IP 157R
- Owner: NORTH PORT MALAYSIA
- Crane No. of production: TCM No. #269 - #273

Vantage has been and continues to be a reliable partner in our business.

15, Mar, 2009

A. Matsumoto

A. Matsumoto Manager of QC department



VANTAGE STEEL WORKS SDN BHD KEMUNING ENGINEERING SDN BHD



ISHI POWER SDN. BHD. (636187-P)

A Subsidiary of IHI Corporation

Lot 1106 & 1107, 11th Floor Wisma MPL, Jalan Raja Chulan

50200 Kuala Lumpur

Tel: 03-2031 3033, Fax: 03-2031-2033

IHI

Letter of Appreciation

This is to place on record our sincere appreciation to Vantage Steel Works Sdn Bhd, for their major contribution in the following Power Plant projects in Malaysia:

3 x 700 MW Coal fired Power Plant TgBin, Johor	2 x 700 MW Coal fired Power Plant Jimah, Negeri Sembilan
<ul style="list-style-type: none">■ <i>Boiler Miscellaneous Piping</i>■ <i>Steel Structure for Stair Tower</i>■ <i>Pipe Rack Steel Structure</i>■ <i>Duct Supporting Steel Structure</i>	<ul style="list-style-type: none">■ <i>Boiler Main Steel Structure- (Column & Girders)</i>■ <i>Boiler Miscellaneous Piping</i>■ <i>Storage Tanks (Whessoe)</i>

Vantage has been and continues to be a reliable partner in our business.

矢野 武則

Takenori Yano,

Procurement General Manager



VANTAGE STEEL WORKS SDN BHD

KEMUNING ENGINEERING SDN BHD

Letter of Appreciation



Sohar Refinery Project Team
Wishes to Recognize

Kemuning Engineering SDN.
Platform and Ladders

For your team effort and performance contributing to our successful execution of the Sohar Refinery Project


Kenichi Sasaki
Project Director
JGC Corporation


Hideo Nakagawa
Project Procurement Manager
JGC Corporation



KERTIH CENTRALISED TANKAGE FACILITY PROJECT

27 January 1999

CERTIFICATE OF APPRECIATION

On behalf of Integrated Construction Team (ICT), I would like to congratulate

VANTAGE STEEL SDN BHD

and your employees for the excellent safety performance throughout the Kertih Centralised Tankage Facility Project.

Together we have achieved 1,000,000 manhours without lost time incident. We appreciate your effort and contribution toward S.A.F.E.N.Y.


Ng Yee Sin
Project Director
Kertih CTF Project

