



**STRUCTURAL STEEL
FABRICATION,
POLE MANUFACTURING &
ENGINEERING WORKS**



REXCEL

HEAVY ENGINEERING (M) SDN. BHD.

(1170901-D)



ABOUT US

REXCEL HEAVY ENGINEERING (M) SDN. BHD. (formerly known as SDL Steel Techs Sdn. Bhd.) is specialized in Structural Steel designing, fabrication and erection with the highest quality and safety.

RHE is driven by a group of dedicated staff with a broader range of expertise and knowledge of the trade with a total commitment to providing world-class services and upholding the principle and philosophy of integrity, honesty and detail-mindedness towards client satisfaction. RHE has established an undeniable reputation in project deliverables as schedules and within the budgets.

CORE COMPETENCIES

- Structural Steel Design
- Structural Steel Fabrication & Erection
- Value Engineering
- Heavy Lifting Solution
- CNC Cutting and Drilling Services
- Precision Machining





DIFFERENTIATOR

Trusted service beats the Structural Engineering market by focusing on;

- Flexibility
- Accessibility
- Genuinely committed to caring and delivering on our customers' unique requirements
- Complete range of steel fabrication facilities and machinery

CAPABILITY

- Full-fledged structural steel fabrication facilities for shearing, plasma cutting, rolling, and bending.
- Services comprise of cut to size plates and pre-fabricated steel frame
- 3D Modelling in Tekla, Advance Steel, and other construction drawings



VISION

- Strengthening the market positioning by being the most trusted Steel Structure fabricator and contractor in the country and the region
- By the year 2025, we will be one of the top Steel Structure companies in the country.
- Magnify our advancement with attentiveness towards safety, quality, and unprecedented technology

FABRICATION CAPACITY

RHE is driven by a group of experts to plan and deliver the fabricated structural steel segments for erection efficiently. The steel surface is to be treated with SA 2.5 surface blasting and Zn Epoxy paints for surface treatment and finishes works. Documented planning and monitoring accomplished with complete fabrication facilities comprise of machines like High-Speed Fiber Laser Cutting Machines, Iron Workers, Profile Bending and Rolling range of the machines, shearing machine ranges and as well as the plasma cutting machine which ensures the committed delivery are achieved.



Our team is furnished with drafters and engineers to provide shop drawings and fabrication detail drawings with tools and software promptly.

The fabrication procedures are documented and monitored with our fabrication flow procedures which are QA/QC controlled at every fabrication stage to ensure ZERO REWORKS.

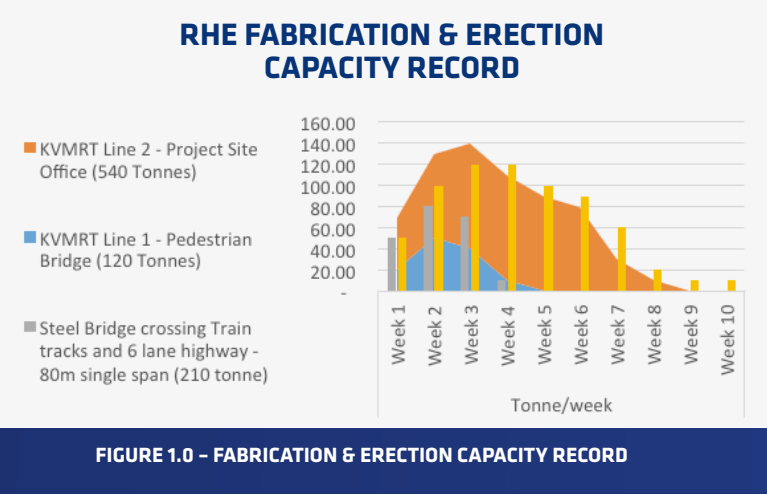


Figure 1.0 shows the significant structural steel projects with details on tonnage completed on fabrication and erection on weekly projection.

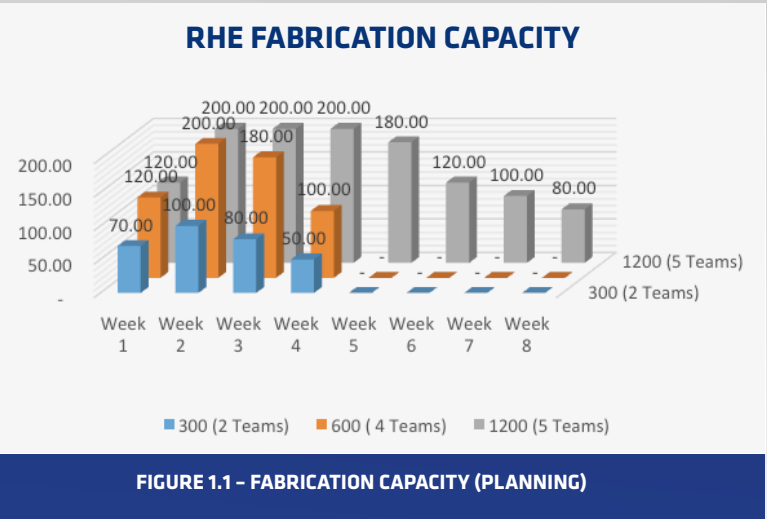
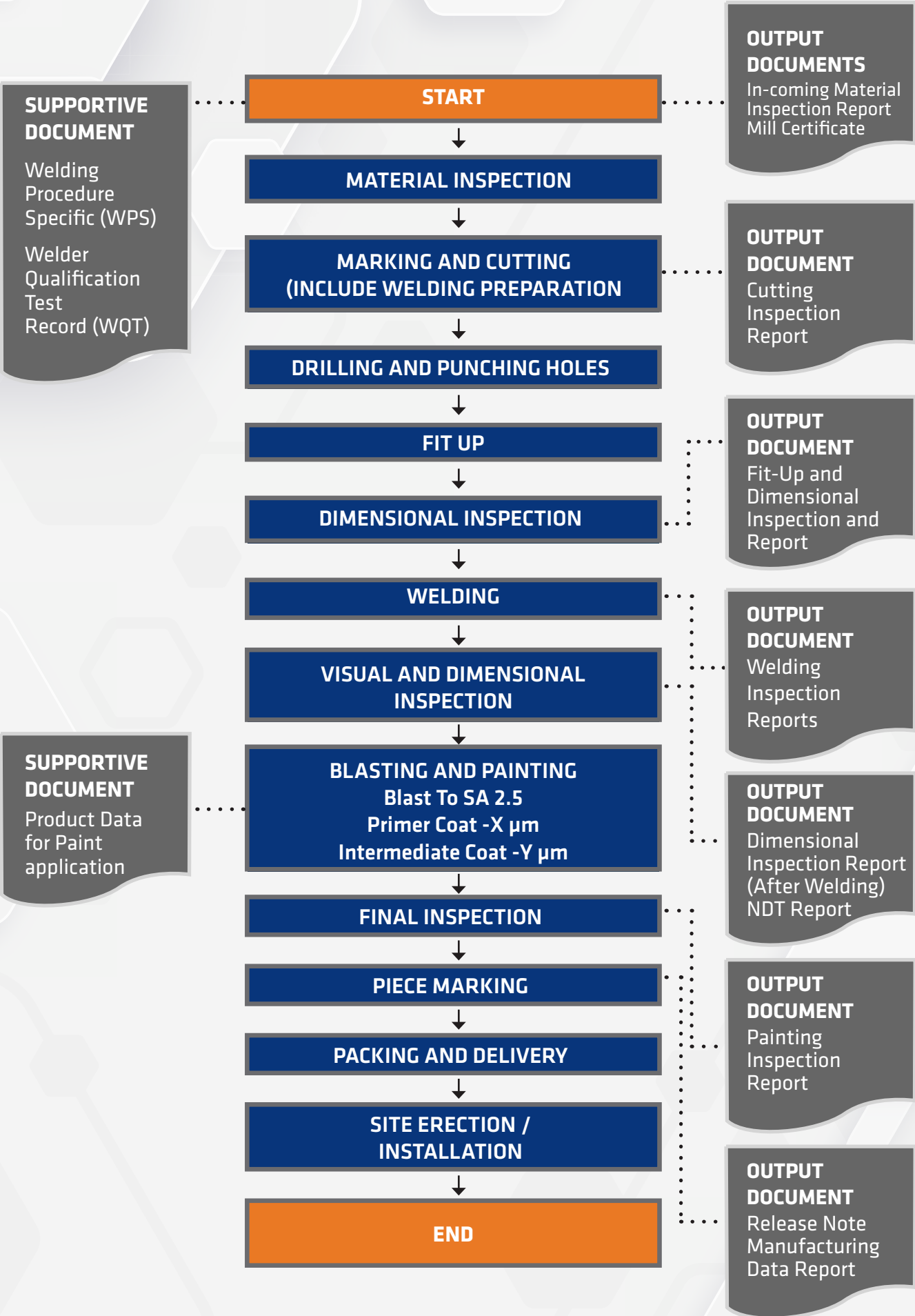


Figure 1.1 shows the fabrication capacity at our facilities with multiple numbers of fabrication teams depending on tonnage and duration of project deliverables and requirements.

FABRICATION PROCESS

FLOWCHART



FABRICATION FACILITIES AND MACHINERY

- | | |
|--|-------------|
| 1. Fabrication Yard | - 2.5 Acres |
| 2. Cover Fabrication Facilities with gantry crane | - 1.5 Acres |
| 3. Machinery | |
| a) Forklift 2.5 Tonnes | - 1 Unit |
| b) Forklift 5.0 Tonnes | - 1 Unit |
| c) 2KW High-Speed Fiber Laser Cutting Machine | - 1 Unit |
| d) Shearing Machine | - 2 Units |
| e) CNC Press Breaker | - 2 Units |
| f) CNC 320 Ton - 6m length Press Breaker for Pole bending up to 700mm Diameter (polygon high mast poles) | |
| g) Profile Bending Machine | - 2 Units |
| h) Plate Rolling Machine | - 2 Units |
| i) CNC Plasma Cutting machine | - 2 units |
| j) Bandsaw machine Radial Drill Machines | |
| k) Double Cylinder Hydraulic Steel Worker | - 2 units |
| l) Pole swagging machines | - 3 units |
| 4. Sand Blasting and Painting Facilities | |



BANDSAW MACHINE TO CUT HOLLOW SECTIONS & BEAMS



RADIAL DRILL MACHINE



DOUBLE CYLINDER STEELWORKER



SHEARING MACHINE



PLASMA CUTTING MACHINE



PLATE ROLLER MACHINE



CNC 160 TON PRESS BREAK MACHINE



2KW HIGH-SPEED FIBER LASER MACHINE



CNC ELECTRO-HYDRAULIC BENDING MACHINE



HYDRAULIC BENDING MACHINE



PIPE END FORMING MACHINE

CORPORATE INFORMATION

Company's Registered Name : **REXCEL HEAVY ENGINEERING (M) SDN.BHD.**

Company's Registration Number : **201501045578 (1170901-D)**

Date of Incorporation : **31ST December 2015**

Company's Registered Address : **No. 26-3-1, 3rd Floor, Block F, Diamond Square Business Centre, Jalan Semarak API 3, OFF Jalan Gombak, 53000 Kuala Lumpur W.P. Kuala Lumpur.**

Contact Information

Mailing Address : **No. 50-A, Persiaran Tun Abdul Aziz, 43000, Kajang, Selangor.**

Telephone Number : **+603 8733 7888**

Fax Number : **+603-8734 9988**

E-mail address : **info@rexcel.my**

Website : **www.rexcel.my**





COMPLETED PROJECTS



COMPLETED PROJECTS



KVMRT LINE 2 PROJECT SITE OFFICE



**KVMRT LINE 1
PACKAGE 8 –
MSPR9 LINK
BRIDGE**

**KTMB
WORKSHOP
AT KAJANG**



**KL ECO CITY
PEDESTRIAN LINK
BRIDGE**



PREFABRICATED STRUCTURAL STEELWORKS

FOR 2x600MW SUPER
CRITICAL COAL-FIRED
POWER PLANT AT COX
BAZAR BANGLADESH



And many other significant projects in steel
fabrication and erection works....



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No. 50-A, Persiaran Tun Abdul Aziz,
43000, Kajang, Selangor.

Tel: +603 8733 7888 **Fax:** +603 8734 9988

Email: info@rexcel.my

www.rexcel.my