



KKB Group Of Companies

KKB Engineering Berhad
(Co. No. 26495-D)

HEAD OFFICE

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|--------------------------------------|---|
| 1. STEEL FABRICATION | (ISO 9001 : 2015 & ISO 45001: 2018 CertiFied) |
| 2. HOT-DIP GALVANISING | (ISO 9001 : 2015 & ISO 45001: 2018 CertiFied) |
| 3. STEEL PIPES MANUFACTURING | (ISO 9001 : 2015 CertiFied) |
| 4. LPG CYLINDERS MANUFACTURING | (ISO 9001 : 2015 & ISO 45001: 2018 CertiFied) |
| 5. Civil Construction | (ISO 9001 : 2015 & ISO 45001: 2018 CertiFied) |
| 6. uPVC ROOFING SHEETS MANUFACTURING | |

ENQUIRIES:

COMMERCIAL DEPARTMENT

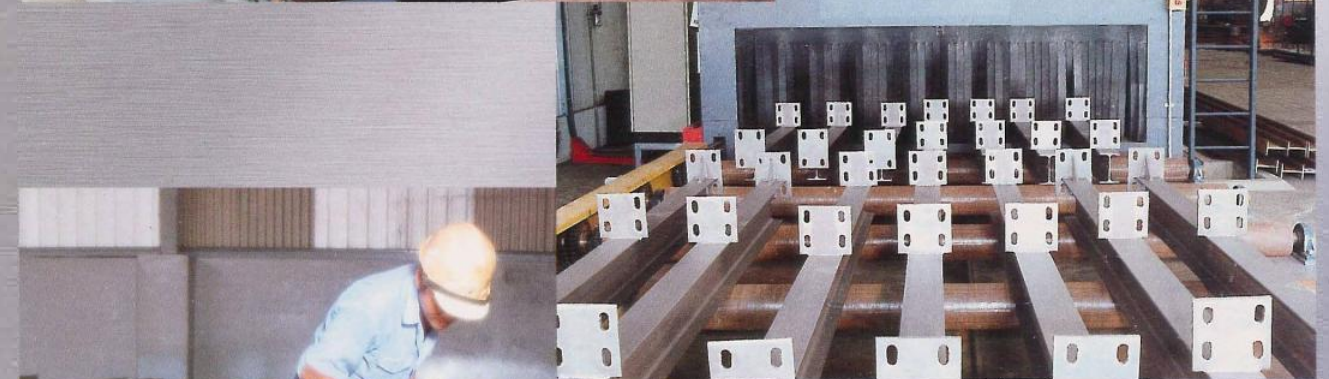
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KKB Engineering Berhad

Incorporated In Malaysia
(Company No. 26495-D)



**Your Automated
Quality Blasting and
Painting Specialist**



"Engineering For The Future"

FULLY - AUTOMATED CONVEYORIZED SHOT - BLASTING EQUIPMENT

KKB Engineering Berhad (KKBEB), one of the leading steel fabrication specialist in Sarawak, is the first company in Kuching to offer a fully automated, conveyORIZED blasting facility to complement its core business in the steel engineering industry.

The range of materials that requires high quality blasting varies in the industry and ranges from universal beams, plates, channels, angles to pipes and others. The marine, petroleum (oil and gas), power and energy, civil engineering and construction and manufacturing industries are the main sectors that maintain and specifies such requirements to meet the high quality standards set, for a longer and more lasting protection treatment.

KKBEB have undertaken numerous projects in Sarawak where shot-blasted steel is the main criteria. Among the projects that we have successfully undertaken include the Rolling Mill and Wire Rod Plant in Kuching, 1st Silicon (Malaysia) Sdn Bhd plant in Kuching the Cement and Grinding Plant in Bintulu and other various sizes of storage tanks for petroleum companies and other industrial steel items.

At KKBEB, sound technical services and a quick turnaround time, together with our ISO 9002 approved Quality Standards to provide the cutting edge are our priorities. As a corporate entity, we will continue, as we have for the last 40 years, to build upon such achievements.



PROJECTS UNDERTAKEN BY KKBEB IN SARAWAK WHERE BLASTING AND PAINTING SERVICES WERE REQUIRED



OUR MISSION ...

Our aim is to offer quality product and services to specified standards. We cater towards your one-stop source for abrasive blasting and painting. At KKBEB, quality service and practical engineering are the keys to our success.

A good quality blasting with the right painting specification will give a long lasting protection. All standards specified, a list of which is non-exhaustive, can be catered for, and below are references to some surface preparations and painting systems.

STANDARDS - SURFACE PREPARATION

Method of Cleaning	Corresponding Standards				Surface condition after shot-blasting
	SSPC	SIS / ISO 8501-1	BS4232	SPSS	
Blast Cleaning	SP-5	Sa 3	1st Grade	Sd 3 Sh 3	Blast-cleaning to visually clean steel When viewed without magnification, the surface shall be free from visible oil, grease and dirt, and shall be free from mill scale, rust, paint coatings and foreign matter. It shall have a uniform metallic colour.
	SP -10	Sa 2 1/2	2nd Grade	Sd 2 Sh 2	Very thorough blast-cleaning When viewed without magnification, the surface shall be free from visible oil, grease and dirt, and from mill scale, rust, paint coatings and foreign matter. Any remaining traces of contamination shall show only as slight stains in the form of spots or stripes.
	SP-6	Sa 2	3rd Grade	Sd 1 Sh 1	Thorough blast-cleaning When viewed without magnification, the surface shall be free from visible oil, grease and dirt, and from most of the mill scale, rust, paint coatings and foreign matter. Any residual contamination shall be firmly adhering.
	SP-7	Sa1			Light blast-cleaning When viewed without magnification, the surface shall be free from visible oil, grease and dirt, and from poorly adhering mill scale, rust, paint coatings and foreign matter.

STANDARDS - PAINTING SYSTEM

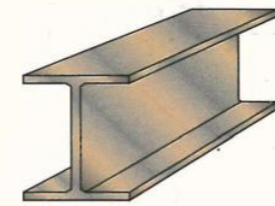
PRIMERS

- Red Oxide Primers
 - Alkyd
 - Epoxy
- Red Lead Primers
 - Alkyd
 - Epoxy
- Iron Oxide
 - Alkyd
- Zinc Chromate
 - Alkyd
 - Chlorinated Rubber
 - Epoxy
- Zinc Phosphate
 - Alkyd
 - Chlorinated Rubber
- Zinc Silicates
- Zinc Rich

INTERMEDIATE / FINISH

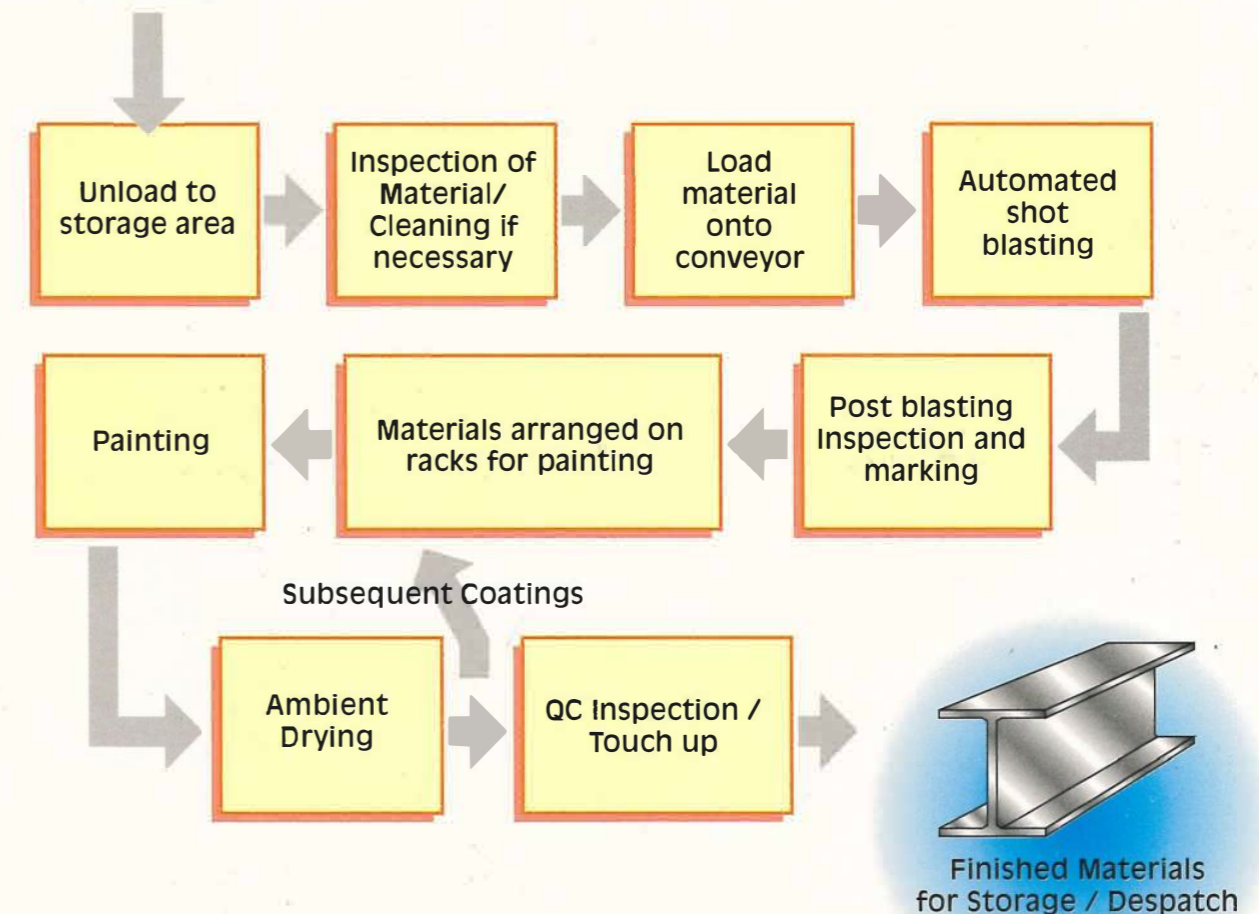
- High Build
 - Epoxy
 - Chlorinated Rubber
 - Vinyl
- MIO Finish
 - Alkyd
 - Epoxy
 - Chlorinated Rubber
- Finish
 - Alkyd Aluminium
 - Epoxy Aluminium
 - Urethane
 - Vinyl Base
 - Polyamides
 - Coal Tar Epoxy
 - Polyurethane
 - High Temperature

KINDLY ENQUIRE ON OTHER SPECIFICATIONS NOT FOUND IN THE LIST.



Materials received at factory

PROCESS FLOW CHART



Our environmentally-friendly system which is located within a covered area of some 7200 square meter is designed for optimum efficiency with the swiftest turnaround time possible.

BLASTING EQUIPMENT TECHNICAL SPECIFICATION

Type	: Automatic 8 wheel conveyerised blast machine
Overall Dimensions	: 5900 (L) X 4000 (W) X 6630 (H) (approx.) mm
Blast Wheels	: 8 X 360 diameter
Throwing Speed	: 80M / Sec
Abrasive Capacity	: 1320 kg. / min.
Load Capacity	: 8 Rollers @ 1 ton each