

Brigantine's New Development in Dachan Bay

In September, Brigantine, in close cooperation with MTL, secured Zim Line's container repairs on-dock at Dachan Bay Terminal. We are now serving Maersk Line and Zim Line, two of the biggest shipping lines calling at DCB. To ensure their daily export requirement, we doubled the repair area from 1,200 sqm to 2,400 sqm. We also allocated more resources, manpower and tools to DCB and we are currently operating 24/7 in order to maintain a high level quality service, and that these demanding key clients remain satisfied. Furthermore, a close communication with the shipping lines and the terminal ensures a smooth operation.

The best demonstrated performance in DCB was 77 repaired units in one day on 18 Sep. Before the national day holidays in Mainland China we typical see an increased container requirement. The Brigantine repair service inside DCB will, without a doubt, provide more economical and quicker solution to the shipping lines shipping and their export containers through the Dachan Bay Terminal.

If you are interested in our service, please feel free to contact Figo Gao by:

Phone : +86 159 8986 7401

Email : PRSBRGCONSAL@brigantinegroup.com

Welcome!

This month is our seventh themed news letter focusing on Container Repair, and Quality Control.

Each month offers a snap shot into different aspects of Brigantine's various business activities.

This edition continues with our second Health and Safety quiz, where you can test your knowledge in this area and will get a prize if you have all of the answers right. We've also added an "Industry Knowledge Corner" where we offer insight into some common industry jargon, so you are better armed verses your competition. Knowledge is power!

We thank you, our valued customer and business partner, for your on going support.

Yours faithfully,

John Brennan
Managing Director

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CS New Locations - at Your Service

Brigantine Container Services is proud to announce the opening of three new repair facilities in the South China and Hong Kong area this September. The new facilities are situated in Beijiao-Foshan, San Tin-Hong Kong and Yantian-Shenzhen. The new locations continues Brigantine Services planned expansion of it's service network, which now includes around forty (40) facilities all over Mainland China.

The Beijiao-Foshan facility is situated inside Beijiao Container Terminal and will serve the general Shunde area.

The new Yantian and San Tin depots will reinforce and expand the existing repair and storage capacity of the existing Brigantine depots in their respective areas and will cater to growing demand.

Brigantine aims to provide the widest geographical coverage to its clients, ensuring standard quality repair wherever their equipment takes them.

For more information on Brigantine services, please visit www.brigantinegroup.com or contact Mr. Dene Hurtado at +86 135 0965 4299.

Hong Kong - Depot B Facility



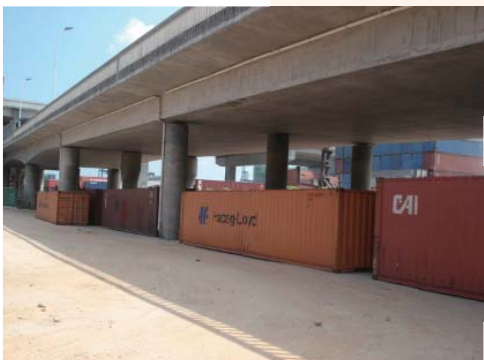
Exact Location : San Tin, Yuen Long (15 mins drive from MTL)
 Area : Hong Kong
 Storage Capacity : 2,400 TEU
 Repair Capacity : 70 units per day
 Services : Dry box repair, storage, on/off hire service
 Services port : MTL

Foshan - Beijiao Terminal Facility



Exact Location : Beijiao, Shunde
 Area : Foshan
 Repair Capacity : 70 units per day
 Services : On-ground/on-chassis repair

Yantian - Depot C Facility



Exact Location : Yantian, 1 km distance from YICT
 Area : Shenzhen
 Storage Capacity : 4,500 TEU
 Repair Capacity : 80 units per day
 Services : Dry box repair, storage, on/off hire service
 Services port : YICT

BDCS Started Container Service in Zhangjiagang

Extending the availability of quality container services to our current and future customers into the Yangtze River Delta is a strategic target of Brigantine Dewell Container Services (BDCS). Our continuing growth into Mainland China's hinterland enables our customers to enjoy consistent, cost effective, quality service.

Zhangjiagang is located 100 km northwest to Shanghai. It has enjoyed rapid industrial growth over the past 20 years, and has achieved national fame as a newly emerged industrial and residential-friendly city. In 2008 export and import into Zhangjiagang totaled USD 21.48 billion. The Port of Zhangjiagang consists of 65 berths with a 10,000-ton or more capacity.

BDCS began operations inside the Surun Terminal from August 2009. The terminal is located in the Zhangjiagang Bonded Area and has a 50,000-ton international container vessel berth with a yearly turnover capacity of 50,000 TEU. At present, BDCS conducts repair and re-fitting of dry containers. Reefer services are planned to begin soon.

Please contact BDCS commercial Manager Hanson Sheng for more details:

Tel : +86 21 6182 0185

Fax : +86 21 6182 0136

Email : hansonsheng@brgdewell.com

Industry Knowledge Corner

This section is a new one for Brigantine. It has become apparent during a discussion within our own company, that many of us were not familiar with some industry jargon being used on our field today, in part due to a fast-changing market place, rapid product development or due to our diverse backgrounds. Therefore we thought many of our readers would find these terms of interest as well.

Corten Steel

"COR-TEN", is a trademark name for "weathering steel". It is a group of steel alloys which were developed to obviate the need for painting, and form a stable rust-like appearance if exposed to the weather for several years. The primary alloying addition in weathering steel is 2% copper.

United States Steel Corporation (USS) holds the registered trademark the name COR-TEN. Although USS sold its discrete plate business to International Steel Group (now Arcelor-Mittal) 2003, it still sells COR-TEN branded material in strip-mill plate and sheet forms.

Weathering steel is popularly used in outdoor sculptures, such as in the large Chicago Picasso, and as exterior facades, for its rustic antique appearance.

It has also been used in bridge and other large structural applications as well as railcars. It is very widely used in marine transportation, in the construction of Intermodal containers.

Because of the addition of copper, Corten steel tends to be more expensive than commonly available mild-steel.

Predictive Maintenance

Predictive maintenance (PdM) techniques help determine the condition of in-service equipment in order to predict when maintenance should be performed. This approach can offer cost savings over routine or time-based preventive maintenance as it's performed only when warranted.

The ultimate goal of PdM is to perform maintenance at a scheduled point in time when the maintenance activity is most cost-effective and before the equipment loses optimum performance. This is in contrast to time- and/or operation count-based maintenance, where a piece of equipment gets maintained whether it needs it or not.

The "predictive" component of predictive maintenance stems from the goal of predicting the future trend of the equipment's condition. This approach uses principles of statistical process control to determine at what point in the future maintenance activities will be appropriate. Successful adoption of PdM can result in substantial cost savings and higher system reliability.

However, should the statistical analysis be faulty, or based on incorrect/inconsistent patterns, the opposite effect might be had, namely a huge inventory of unneeded spare parts. In some cases it can take years of detailed study of a particular machine/factory to obtain optimal results.

Source: Wikipedia

“Quality Control” is Built into Our Daily Operations

Being able to cost effectively provide a high quality product that is recognized as valuable by a customer is the basic foundation of any successful business. The container repair industry is no different. Brigantine strives to deliver this using a Total Quality Management approach via implementation of a system of Total Quality Control. TQM and TQC are concepts that have been around for some years, but what has been often lost in the subsequent Six-Sigma initiatives, is the customer. The application of Six-Sigma in many companies often unfortunately focuses solely on internal streamlining of processes, and it's too often the case, the customer's wants and desires are forgotten in the process. Does anyone like it what they call a help line and a computer answers, asking you to press “1” for this, or press “2” for that? This is certainly streamlined/efficient, but it doesn't often make for a happy customer. TQM and TQC are a bit more simplistic in the fact that it tries to focus on getting it right the first time, with the goal of eliminating rework, or worse yet, an unhappy customer who received an unsatisfactory product. It's for this reason that Brigantine has initiated Total Quality Control, despite it being an ever elusive goal of being 100% perfect 100% of the time. (P.S. When you call Brigantine, a human being answers!)

Starting from the Operations Department, the Total Quality Control process monitors container repair quality on the spot. Should any deficiency be found it immediately triggers a Non-Compliance Report or “NCR”. The process is:

1. Everybody has responsibility to monitor unqualified conditions and/or behaviors.
2. If a deficiency is found, an Assessor is assigned and given responsibility for the entire process.
3. Describe the non-compliance content on a Non-Compliance Report and send to a Quality Assurance Coordinator, where the clock starts ticking on resolution.
4. Upon receipt of an NCR, the responsible manager analyzes the report with relevant staff. They are then charged with finding the root cause of the problem, bring forward an action plan to solve the problem, and then Take Action.
5. After five days of an action being taken, a double check is performed to see if the original issue has been rectified and if so, the NCR is marked as closed by the Assessor and signed off by the QA coordinator.
6. If the proposed solution fails or cannot fully solve problem, the Non-Compliance Report is moved up the chain of command until a satisfactory remedy has been found and ultimately implemented.
7. Should a remedy action be found to be beneficial to multiple sites, the related process or policy are changed in all locations to effect the upgrade.
8. Once a case is closed, the Non-Compliance Report is finalized and approved by a Business division head.
9. The timeliness of the entire evolution is also measured to ensure every NCR is rapidly addressed.
10. Effective remedy report will be evaluated as performance appraisal.



Replacement of floor



Insert of front panel



Insert of bottom side rail



Straightening of side panel



Insert of front corner post



Cleanness of floor

We provide a “GREEN PRODUCT” as well as a “GREEN SERVICE” to the customers through above quality control process. We in Brigantine pledge that we continue to strive to be the best brand in the container repair industry, equipped with outstanding technology, quality, efficiency, management and service.

For more information of container repair quality, please contact our QA team or Mr. Ye, Kern Jian, Inspection trainer of Technical training and support department.

Email : GCABRGTECH@brigantinegroup.com

Skill Evaluation System For Dry Container Repair Teams

In 2006, the Training Department has instituted a “Skills Evaluation System” of Dry Van Maintenance. The goal of the system is to determine and track the skill level of every front line staff on their technical capabilities. Should any one individual not be up to the grade on a particular item, it is identified and that individual’s short comings are addressed through training. Further, while an individual is working on improving a particular skill, they are assigned tasks that do not involve that needed skill to ensure the customer receives the best quality product possible.

1. Skill tests

The skill tests are divided into two parts; skill implementation and theory testing.

Practical operation of tests are classified as thick-board (rails and posts) rod arc welding, CO2 gas shielded arc welding of sheet panel, flame cutting, machinery straightening and installation, machinery grinding, maintenance technology, quality, efficiency checks, paint spraying etc, and reflects the staff’s maintenance capacity of welding, gas cutting device, pneumatic and electric tools, as well as their working attitude and team collaboration.



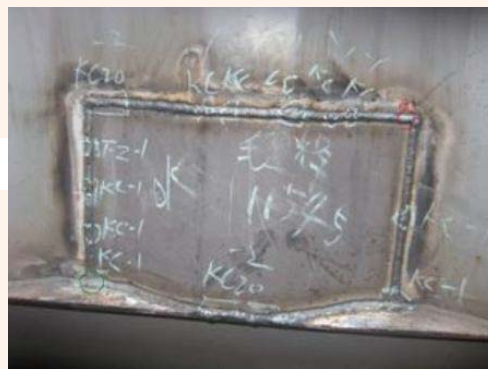
Step 1: Remove the damage material



Step 2: Install the replacement and tack welding, recheck the installation quality



Step 3: Continuously welding the joints.



Step 4: Check and assess the welding joint quality and point out the score



Step 5: Grinding, primer and coat painting

The theory test is the complementary check of actual operating, therefore, contents of examination papers closely related with the actual operating condition. It is classified into welding portion (one-sided arc welding electrode double-sided molding techniques, welding defects, the use of basic electrode), mechanical skills part (panel, rails, posts, doors, forklift pockets assembly, goose neck rails etc.), plasma cutting, flooring installation, paint spraying techniques, electro-pneumatic tools and welding equipment maintenance, IICL repair criterion and customer service and environmental safety, and reflects the status and ability to learn of employees.

2. Skill elastic sheet

The skills elastic sheet in data statistical stage is to classify the raw data in testing stage, provide employees' information to Operation department, and analyze technical differences and short comings of each employee, in order to provide specific training.

员工技能水平			MIG(CO2)焊接技能						氧乙炔气割操作技能				电焊	机械矫正技能				地板	底部结构	清洁	工具接								
The skill level of repairer			MIG(CO2) welding skill						in Acetylene flame cutting oper				welding skill	The portions straight skill				Floor			eration								
			薄板类			厚板类			薄板类		厚板类			弯	降	角柱	IT				电动								
0分: 操作时所有技能都不会完成 Have no skill of repair operation	1分: 会部分技能, 但不会全部操作, 需要培训 Have any skills, but can't complete the repair operation	2分: 会做, 而且教会其他人 2: Have the ability to complete the repair operation, and have ability to training others	水平对管平焊 (薄板)	水平对管平焊 (薄板)	垂直立焊 (薄板)	仰面焊接 (薄板)	水平对管平焊 (厚板)	水平对管横焊 (厚板)	水平对管立焊 (厚板)	垂直立焊 (厚板)	仰面焊接 (厚板)	水平平面切割	横角切割	垂直切割	仰面切割	Supine face location cutting	厚板气割开接口的技能	手工电焊焊基本操作技能Arc welding basic operation skill	切割铝、不锈钢及普通碳钢的技能	Skill for cut Aluminum, Stainless steel and	弯片的矫正	降的矫正	角柱的矫正	IT部件矫正	地板floor	铲零件	清洗和清除	清洁的工具	Power tools operation and maintenance
			Horizontal location levelly and transverse weld (sheet)	Horizontal location levelly and transverse weld (sheet)	Vertical location welding (sheet)	Supine face location welding (sheet)	Horizontal location levelly and transverse	Horizontal location levelly and transverse	Vertical location welding (deep plate)	Supine face location welding (deep plate)	Horizontal location levelly cut	Horizontal location transverse cut	Vertical location cutting	Supine face location cutting	Cut the level edge by Flame cutting	手工电焊焊基本操作技能Arc welding basic operation skill	切割铝、不锈钢及普通碳钢的技能	Skill for cut Aluminum, Stainless steel and	Straighten the panel	Straighten crossmembers and rails	Straighten the corner posts	IT部件矫正	地板floor	铲零件	清洗和清除	清洁的工具	Power tools operation and maintenance		
Location	Staff No	Staff Name																											
1	11565	胡建军	2	2	2	1	2	1	2	1	2	2	2	1	2	2	2	2	2	2	1	1	2	1	2	2	1	1	
2	12213	张怀德	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	0	0	0	0	0	1	1
3	12287	畅盼盼	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	0	1	1	0	1	1	0	1	1	
4	11399	滕昭义	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	
5	11477	汪东	2	1	2	1	2	1	1	1	2	2	1	2	1	2	1	2	2	1	1	1	1	1	1	1	0	1	1
6	11754	邓年明	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1	2	1	2	1	2	0	1	2	0	1	
7	11553	李治加	2	1	2	1	2	1	1	1	2	2	2	1	2	1	2	2	2	2	2	2	2	2	0	2	2	1	
8	11479	程仕军	2	1	2	1	2	1	1	1	2	2	2	1	2	1	2	1	2	1	0	0	1	0	1	2	2	1	
9	12283	郭二楞	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	1	0	1	1	0	2	1	
10	11349	张广涛	2	1	2	1	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	0	2	2	1	2	0	2

3. Skill card

The skill card in the data monitoring stage based on the data analysis in statistical stage, and marked on green (skilled level), yellow (enhancement level) and red (failed & warning level), it could clearly inform the strengths and weakness of each employee, in order to improve and upgrade their skills in daily maintenance and operation.

BRIGANTINE GROUP

栢坚货柜机械维修 (深圳) 有限公司

部门

Dept

职位

Title

入职日期

Day

姓名

Name

C S

组长

3/21/2005

11313

SKILL ITEM 技能项目-王青青						
SKILL ITEM	Panel	RLA	CMA/D	CPA	Floor	std
	弯片	降	底梁降	角柱	地板	焊修降
CS 积正					N/A	
IT 加角	N/A				N/A	
SN 到快			N/A	N/A	N/A	
RP 换折						
Cut 气割					N/A	
TD 焊接					N/A	
Tack 点焊					N/A	
Full 焊缝					N/A	
Grind 打磨						
Prime 底漆						
Paint 油漆					N/A	
Total 综合	20	19	19	16	6	19
	Excellent		Eligibility		Incompetent	
	117					

By using an annual skill evaluation process, it inspires and encourages employees in dry box maintenance, as well as improve personal and team skills/performance. It has also instilled a healthy internal competition amongst the staff to show off their skill level/ranking to their colleagues. Although the process is internally focused, the true goal is external. With highly skilled, motivated work force, we can ensure we provide the best possible product to our customers.

For more information of dry van repair, please contact our dry van repair team or professional trainer, Mr. Liang Haijun and Mr. Dong Qinbang of technical training and support debarment.

Email address: GCABRGTECH@brigantinegroup.com



HSSE Knowledge Quiz

Thank you for your participation in the 1st HSSE Quiz in August's Brigantine Customer Newsletter. We have received positive feedback from various customers/business partners. As promised, gifts are on the way to those qualified winners. Answers to last month quiz are posted at the bottom of this article.

This month, we have another interesting quiz to test your skills in relation to HSSE awareness.

HSSE Knowledge Quiz – 2nd Issue

Accident Case Analysis

The accident is an actual incident that occurred at a container repair site:

Accident venue :

Open container repair site

Accident circumstance :

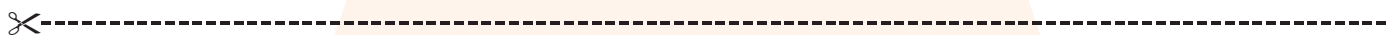
It was drizzling and the ground was wet

Accident course :

Staff A was grinding a container by using an electric powered grinder, his uniform and welding gloves were wet. The grinder should be taken back upon completion of the grinding activity, Staff A used his hand with wet glove to pull back the electric wire lying on the wet ground, his hand grasped a damaged section of the wire and he was electrically shocked causing him to fall to the ground. Fortunately, his teammate Staff B saw the incident occur and cut off the power at the switch box, then moved Staff A into a dry container and called for external medical rescue. The PI (person injured) was only burnt on his hand, so the prompt rescue and treatment was adequate. During the accident investigation, it was found that the damaged electric wire was wrapped by normal adhesive plaster by the PI himself.

Please study and analyze the above accident case, then please write down at least 5 reasons which caused this case to occur.

(Please fill your answer into below reply slip, then cut it off along the broken line.)



Reply Slip

Company : _____ Name : _____
Contact No. : _____

1. _____
2. _____
3. _____
4. _____
5. _____

Important Notice :

1. Please send your answers to Brigantine QHSSE department by email: gcabrgqhsse@brigantinegroup.com before 31 December 2009.
2. Please state clearly your company name, your personal valid contact no. and postal address on your mail.
3. Brigantine QHSSE department will award one mysterious gift to twenty winners by lucky draw from the participators with all correct answers in January 2010.
4. Brigantine QHSSE staff will contact you and mail the gift to you if you are the final winner
5. Should you have any queries, please contact Mr Edmond Leung of Brigantine QHSSE department at +852 3765 7760 or email to gcabrgqhsse@brigantinegroup.com.
6. Brigantine has the final right to explain the competition if occurs any queries.

1st HSSE Knowledge Quiz Answers :
1. ✓ 2. x 3. ✓ 4. x 5. ✓ 6. x 7. x 8. x 9. x 10. ✓