



CRIMAR INDUSTRIAL SBCCO-CHINA



USA, Canada, Chile, China, Colombia, Peru, RSA
www.crimar.com www.sbcco-china.com

Crimar Industrial for over 30 years has been providing high quality fiberglass industrial equipment (tanks, piping, pumps, ductwork, pump barges, roofs, process equipment, custom fabrication, and field installation and maintenance services) to a mining, municipal, petro-chemical and other industrial applications around the world.

Through our sister company in China we can negotiate and enforce contracts with all of the rights and privileges of a Chinese company and provide complete quality control and expediting services.





Roger Beman

- Over 30 years of experience in the design, manufacture and installation of industrial FRP products for corrosive environments
- Over 30 years of international sales and purchasing experience
- Fluent in English, Spanish & French
- Since 2006 over 120 trips to China to ensure quality and compliance

Our regular customer base includes companies such as: WesTech, FLSmidth, Glencore Mining, Hatch Engineering, CODELCO, Phelps Dodge, Jacobs Engineering, ASARCO, M3 Engineering, IMC Kalium, Abbott Labs, Intrepid Potash, Siemens/US Filter, Biorem, Grupo Mexico and many others.



Background

Sales & Support:

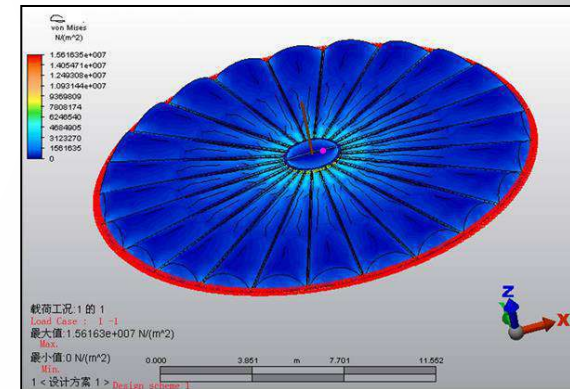
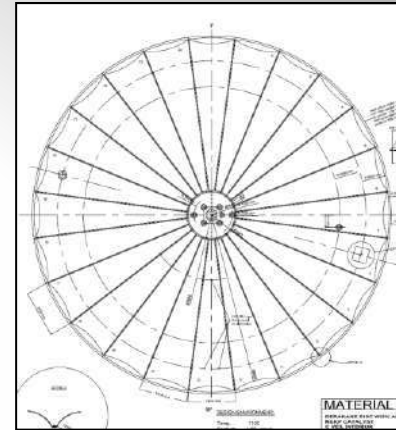
We have sales & support offices in Tucson, AZ; Canada (Toronto); Santiago (Chile); Lima (Peru), Shijiazhuang (China), Johannesburg (RSA), and Medellin (Colombia). Our office in China (Shijiazhuang Beman Commercial Co. Ltd.) provides complete sourcing, QC, import - export and expediting.

Design:

While we have extensive internal expertise in fiberglass design and fabrication, we also have the full support of the design center at our subcontract facility in as well as of Professional Engineers in the US and Canada that specialize in fiberglass design and inspection services.

Fabrication:

All design, fabrication and inspection is in accordance with international standards such as ASME RTP-1, ASTM 3299, ASTM 4097



CRIMAR / SBCCO

Crimar has been contract manufacturing high quality fiberglass equipment in China since 2006 for projects around the world. Most equipment is made with Ashland or AOC resins appropriate for the operating environments in accordance with ASME and ASTM standards.



Effluent piping for Indianapolis



FRP tanks for FLSmidth, USA



Feedwells & related for WesTech
for GE Power Australia



60' dia. hot clarifier covers
for FLS/SNC Lavalin Ambatovy



Shop fabricated tanks



FRP tanks for FMI Arizona



Shijiazhuang Beman Commercial Co. Ltd.

In 2005 we registered a “foreign owned” corporation located in Shijiazhuang, Hebei China that provides the following:

- 1) Local support for sourcing and quality control
- 2) A legal entity in China that has full authority under Chinese law to sign and enforce contracts
- 3) Import and export licenses to handle all arrangements related to shipping and receiving local and international shipments
- 4) Local invoicing, certificates of origin, and administrative functions
- 5) Bilingual staff to ensure that all documentation is clearly understandable



SBC - China

CRIMAR / SBC



CRIMAR INDUSTRIAL



52 Process vessels for Hatch Engineering QSLIC project



FRP Biofilters for Canada



Field winding of large tanks



34 tanks and process vessels for a uranium SXEW plant -Technip/Areva - Canada



On site tank installation



CRIMAR / SBC



Prefabricated piping system for Phelps Dodge



Piping systems for SNC Lavalin, Serbia acid plant



Filter covers for
FLSmith



Vacuum receivers, storage
tanks and related piping for
Westech/Jacobs Morocco project

Rectangular duct systems
for water treatment plants
in the US



Test chamber
For Honda Motors



CRIMAR / SBC

Field installation of large diameter tanks oblated for shipment and field assembly. We provide on-site fabrication and assembly around the world.

Shop fabrication in Hebei, China for shipment to Arizona:



Removing tank parts from the shipping frame in Arizona and assembling on site:



Fiberglass Design Standards

ASME RTP -1 - Fabrication Standard for Corrosion Resistant Fiberglass Vessels

ASTM 4097 – Standard for Filament Wound FRP Tanks

ASTM 3299 – Standard for Contact Molded FRP Tanks

NBS PS 1569 – Contact Molded Chemical Process Equipment

AWWA D120-09 – Standard for Thermoset FRP Tanks

SMACNA – Sheet Metal and AC - Fiberglass Ductwork

API 12P – American Petroleum Institute Standard for FRP Tanks

FABRICATION MATERIALS

GLASS REINFORCEMENT:

Roving

Mat

Woven roving

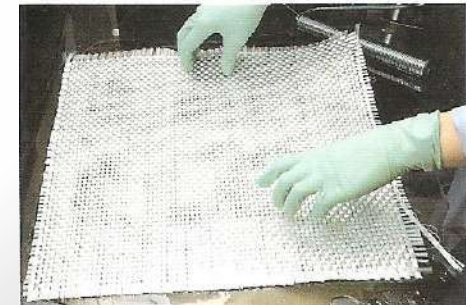
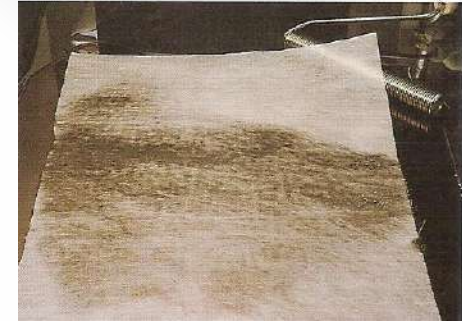
Surfacing veils

ADDITIVES:

Antimony trioxide

Silica carbide

Ultraviolet ray inhibitors





Fiberglass Fabrication

Fiberglass products can be made to be:

NSF61 compliant for potable water

Fire retardant

Abrasion resistant

Impact resistant

Electrically conductive

Heat resistant up to 450F

Corrosion resistant – acids, caustics, ..

UV resistant

Built-in leak detection capability

Sandwich core for strength and lighter weight

Insulated

Fiberglass Fabrication

Fiberglass products, unlike steel, do not need to be uniform throughout the laminate. As each layer is applied, different reinforcement materials can be used; different resins can be applied to provide the features required.

NSF61 compliant for potable water

Fire retardant

Abrasion resistant

Impact resistant

Electrically conductive

Heat resistant up to 450F

Corrosion resistant – acids, caustics, ..

UV resistant

Built-in leak detection capability

Sandwich core for strength and lighter weight

Insulated

Fiberglass Fabrication

Fiberglass products, since they are produced as a “wet” material that is then cured to provide the hardness required, are prepared on molds. Tanks, pipe and duct are made on “male” molds, with the fiberglass applied to the outside of the mold. Per FRP standards, dimensions are based on the internal diameters of the finished parts.

The first layers on the mold are the most critical for corrosive environments. These typically consist of a corrosion resistant veil followed by 2 to 3 layers of random mat to provide a resin-rich 100 to 125 mil corrosion liner. Plastics such as PVC, polypropylene and Viton can also be used for the internal barrier.



Fiberglass Fabrication

For other shapes, a variety of materials can be used to make molds depending on the complexity of the product and the number of parts to be made from the mold.

For one-time use, plaster, wood or foam can be used with a mold-release applied to the side that will receive the laminate. For multiple use molds, a fiberglass mold can be made from the first part pulled off from the plaster mold.





Fiberglass Fabrication

There are many different kinds of glass fiber to provide a wide variety of laminate strengths:

Glass fiber

Carbon fiber

Bamboo fiber

and different textures (see photos next slide):

Winding glass

Chopped strand glass

Woven glass

Unidirectional glass

Corrosion veil



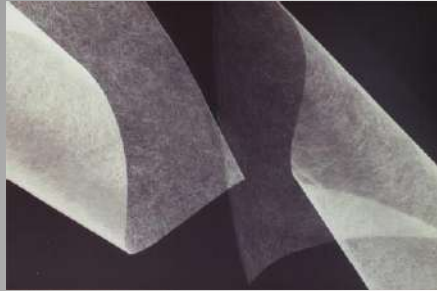
SBC - China



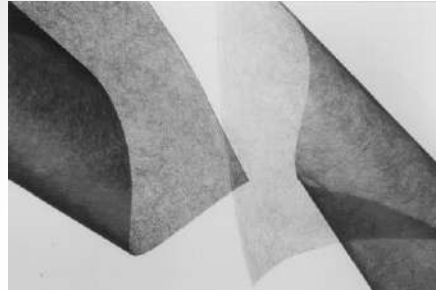
CRIMAR INDUSTRIAL

Fiberglass Fabrication

There are hundreds of different weaves or textures that can be used:



C veil for corrosion barrier



Carbon veil



Random mat



Gun roving and winding glass



Woven roving (many different weaves and weights)



Unidirectional glass



Maring cloth



Carbon fiber



3D vertical weave fiberglass



Honeycomb core materials



Polyurethane foam

FABRICATION METHODS



Filament winding
Chopper gun
Hand lay up
Resin Transfer
Pultrusion



FABRICATION METHODS

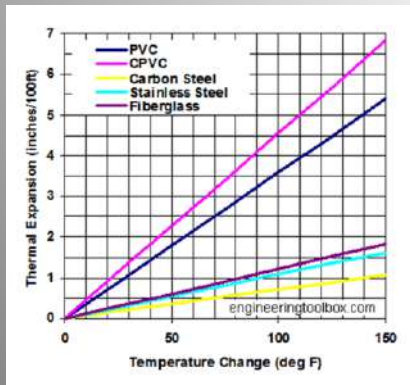


FRP DESIGN

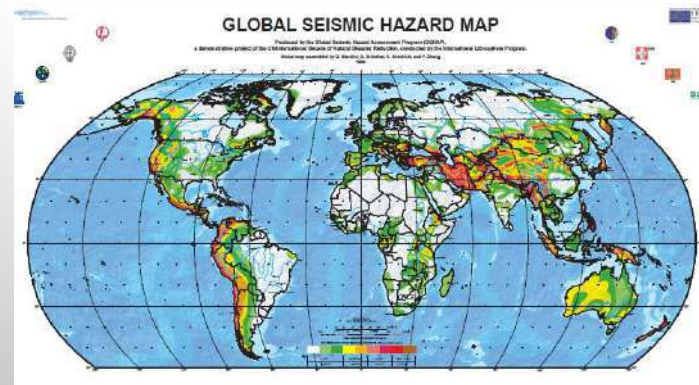
Some of the information required for FRP design include the:

- structural loading
- chemical resistance required
- temperature
- seismic loading
- wind loading

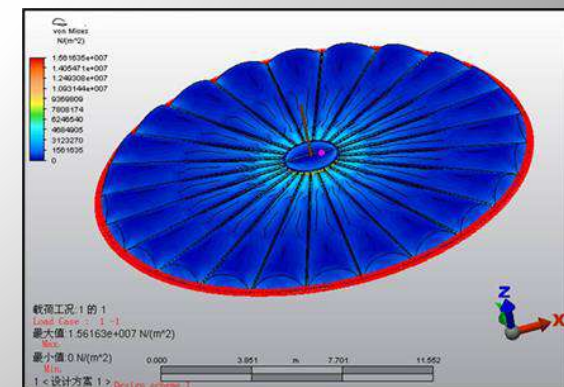
When appropriate we prepare finite element analyses (FEA's) to model the design and loads to ensure that the project requirements will be met



Thermal expansion



Seismic map



Finite element results



FRP PRODUCTION TRACKING

TUCSON, AZ, USA

www.crimar.com

sales@crimar.com



Rev 0

Date

Customer:

Contract No.:

Project:

CRIMAR INDUSTRIAL

SubContractor :

Fabrication location:

Crimar Inspection and Test Plan

Item	Description	Acceptance Criteria	Frequency	Deliverable/ Verification Documentation	MDR	Manufacturer Responsibility				WesTech-Customer Resp- QA/ QC	Client/ End User Resp QA/ QC	
						Management	Production	QC				
Project Review / Review Contract Documents												
1.2	Design review	Design code and project specification requirements/ ASME RTP-1 2011	Prior to issuing of manufacturing drawings								Hold	Hold
1.3	specification verification/ Raw material procurement	Design code and project specification requirements/ ASME RTP-1 2011	Prior to commencement of manufacture	Spec and raw material documentation	Include	Hold	Verify	Verify	Hold	Hold	Hold	Hold
1.4	Drawing Review / Submit shop drawings for approval	Specification and Project standards	At the start of the project	Drawings	Include	Hold			Hold	Verify		
1.5	Preparation and submit ITP for approval	Specification requirements	Prior to commencement of manufacture	Completed ITP & Deliverable documents		Verify		Hold	Hold	Hold	Hold	Hold
1.6	Prepare QA Documentation / check and issue shop drawings / work instructions / kick off meeting etc	Specification requirements- together with in-house quality management documentation	Prior to commencement of manufacture	Quality and design pack for approval review	Include ITP and relevant deliverable docs	Verify	Hold	Hold	Hold	Hold	Hold	Verify
Inc om ing Raw Ma teri als Ins pe ctio n												
2.1	Revis	Manufacturers data sheets/ PO Spec requirements	Each delivery and or batch number	Supplier's Certificate of Compliance and Analysis Doc	Include Certs							
2.1.1	Traceability/ batch Nos.	Purchase Order and data sheets	Each Delivery lot/ drum	In house receiving documentation		Verify	Surveillance	Verify	Verify			
2.1.2	Gel Time	Resin Data sheets	1 sample from each Drum	In House Gel Time record sheet Supplier's Certificate of Compliance and Analysis Doc		Hold	Verify					
2.1.3	Barcol hardness on resin casting	90% of resin manuf value checked per ASME RTP-1 2011 (min 30 for D 411)	1 sample from each Drum	Gel Time test record		Hold	Witness	Verify				
2.2	Glass Fiber	Manufacturers data sheets/ PO Spec requirements	Each delivery and or batch number	Supplier's Certificate of Compliance and Analysis Doc	Include Certs							
2.2.1	Pallet Inspection	Appearance/ check for water damage	Each pallet/ lot	In house receiving documentation		Verify	Surveillance					
2.2.2	Traceability/identification/ batch Nos.	Purchase Order and data sheets	Each pallet/ lot	In house receiving documentation		Verify	Surveillance	Verify	Verify			
2.3	Surface veil/ tissue	Manufacturers data sheets/ Spec requirements	Each delivery and or batch number	Supplier's Certificate of Compliance Doc	Include Certs							
2.3.1	Traceability/identification/ batch Nos.	Purchase Order and data sheets	Each pallet/ lot	In house receiving documentation		Verify	Verify	Verify	Verify			
2.4	Catalysts	Manufacturers data sheets/ Spec requirements	Each delivery and or batch number	Supplier's Certificate of Compliance and Analysis Doc	Include Certs							
2.4.1	Traceability/ batch No.	Purchase Order and data sheets	Each pallet/ lot	In house receiving documentation		Verify	Verify	Verify	Verify			
2.4.2	Check shelf life/ date on manufacture	Data sheets	Each delivery and or batch number	In house receiving documentation			Verify					
2.4.3	Reactivity/ Gel time consistency	Production requirements	1 sample from each Batch	Test report/Supplier's Certificate of Compliance and Analysis Doc		Hold	Verify					
2.5	Additives	Manufacturers data sheets/Spec requirements	Each delivery and or batch number	Supplier's Certificate of Compliance and Analysis Doc	Include Certs							
2.5.1	Traceability/identification/ batch Nos.	Purchase Order and data sheets	Each Delivery/ Batch	In house receiving documentation		Verify	Verify	Verify	Verify			
2.5.2	Visual Inspection/ Shelf life expiry date	Manufacturers data sheets/ Spec requirements	Each delivery /pallet/ lot	In house receiving documentation			Verify					
Component Production and routine testing												
3.1	Record Temperature and Dew point humidity of work area	ASME RTP-1 2011 Min 10°C Not less than 3 degrees of Dew point	Minimum of 2 times a shift	In - house record sheet		Hold	Hold	Verify	Verify			
3.2	Tooling/ mould dimensions/ visuals/ release agent	Specification requirements / design validation	At beginning of production/ each tool equipment	In-house record sheet	include	Hold	Hold	Verify	Verify			

3.3	Record materials/ batch numbers	Specification/works instructions	Each component	Hebei Fulong Product QC sheet	Include		Hold	Surveillance	Verify	Verify		
3.4	Chemical Barrier - Visual, sequence, correct curing agents, correct resin and cure system	Specification	Each component	Hebei Fulong Product QC sheet	Include	Verify	Surveillance	Verify	Verify			
3.5	Application of structural layers/ external Chemical barrier/ correct resin, glass and cure system	Specification	Each component	Hebei Fulong Product QC sheet	Include	Verify	Surveillance	Verify	Verify			
3.6	Surface preparation and secondary bonding of components/ correct joining laminate and resin systems	Specification/ drawings/ minimum tapers 1:6	Each component	Hebei Fulong Product QC sheet	Include	Verify	Surveillance	Verify	Verify			
3.7	Dimensional & tolerance, orientations, elevations, squareness, parallelism, flange flatness, nozzle orientation and all dimensions indicated in the drawing and the control sheet.	Specification, Drawings	Each component	Hebei Fulong Product QC sheet	Include	Hold	Surveillance	Surveillance	Verify			
3.8	Application of exterior top coat/ correct resin , wax and cure system	Specification	Each component	Hebei Fulong Product QC sheet		Verify	Surveillance	Verify	Verify			
3.9	Barcol Hardness.	90% of resin manuf checked per ASME RTP-1 value (min 30 for Derakane 411)	Each component	Hebei Fulong Product QC sheet	Include	Hold	Surveillance	Surveillance	Verify			
3.10	Acetone Surface sensitivity of surfaces	Checked per ASME RTP-1 2011 Procedure 6-910-b-7	Each component	Hebei Fulong Product QC sheet	Include	Hold	Surveillance	Surveillance	Verify			
3.11	Appearance/ visual defects/ cracks	Specification / Visual defects ASME RTP-1 2011 Table 6.1 Level 2	Each component	Hebei Fulong Product QC sheet	Include	Hold	Surveillance	Surveillance	Verify			
5 Final Inspection												
5.1	Identification and Marking	Specification/ drawings item numbers/ statutory requirements	All components					Include Photostat copy of name plate/label	Verify	Hold	Hold	Verify
5.2	Prepare Certificate of compliance & delivery note/ shipping docs	Specification/ contract requirements	Each Delivery	In accordance with terms of WesTech purchase order	Include	Verify	Hold	Verify	Verify			
5.4	Release note submission by customer and client and receipt of acceptance	Project requirement and format	Each Delivery	Release signed by WesTech	Include	Verify	Hold	Hold	Verify			
5.5	Security of Load, Protection and packaging	Logistics Pack. Specific specification requirements	Each batch I/ delivery	Dispatch documents/ Packing list	Include	Verify	Hold	Surveillance	Verify	Verify		
6 MDR												
6.1	Prepare MDR with all requirements	Per Contract Requirement	Per Decanter / contract requirement	Completed MDR and submit required number of copies	Complete and submit	Verify	Hold	Verify	Verify			
Manufacturer Approval												
Customer												
Name Position Name Position Name Position Name Position												
Signature Date												
Third Party Approval												
Name Position Name Position Name Position Name Position												
Signature Date Signature Date												

o Hold Points (H)
 A step in design, fabrication, installation, construction, testing or maintenance beyond which the process may not proceed without checking, inspection and authorization by the authority who imposed the hold point.
 o Witness Point (W)
 A step in design, fabrication, installation, construction, testing or maintenance where the authority who imposed the witness point performs an inspection or surveillance.
 If such inspection or surveillance is not performed at the agreed time, after proper notification that the witness point will occur, or if such inspection is waived, processing may continue.
 o Verification Point (V)
 A step in design, fabrication, installation, construction, testing or maintenance where the authority who imposed the verification point reviews documentation applicable to the surveillance point to ensure correct compilation and acceptability of such documentation.
 o Surveillance Point (S)
 A step in design, fabrication, installation, construction, testing or maintenance where the authority who imposed the surveillance point is notified in advance of the activity to enable him to visit the location of the activity if required to conduct a general surveillance without delaying the activity.

INSPECTION AND TEST PLAN



FRP PRODUCTION TRACKING

PROGRESS REPORTING BASED ON CUSTOMER REQUIREMENTS:

Weekly Manufacturing Report

Week Ending: 7-May-18

Contract
Manufacture
r Hengshui Jrain FRP
Responsible
Contact Roger

Project
Name Laayoune
Project # _____
Equipment 20 Sets of FRP Tanks

Manufacturi
ng Manager _____
Required
Ship Date 6/5/2018

	All Raw Material Ordered	All Raw Material Onsite	All Buyouts Ordered by Supplier	All Buyout Parts Received by Supplier	All WesTech Parts Received by Supplier	All Parts Onsite	Fabrication Started	Assembly Started	Assembly Completed	Inspection and Testing Completed	Packaged and Ready for Shipment (RTSD)	Next Inspect Date
Original Est. Date	Mar.12.2018	19-Mar-18	2-May-18	10-May-18	N/A		23-Mar-18	6-Apr-18	28-May-18	31-May-18	5-Jun-18	
Current Est. Date			2-May-18	10-May-18			23-Mar-18	6-Apr-18	28-May-18	31-May-18	5-Jun-18	
% complete	100%	100%										
Actual Completion Date	ok	ok					23-Mar-18	5-Apr-18				

Explanation for Change in Original Packaged and Ready to Ship Date:

<p>Activities completed in the past 7 days</p> <ol style="list-style-type: none"> 1. Bolts and gaskets arrived 2. Prepared the hydraulic testing equipment 3. Installed flanges on shell for one ATM tank 	<p>Activities scheduled for the next 7 days</p> <ol style="list-style-type: none"> 1. To finish the installation of nozzles of 4 ATM tanks 2. To install the nozzles of 6 DN1400 tanks 3. To prepare the test of two moisture traps
<p>Recovery Plan (To be completed for any activity where current date exceeds original date)</p>	
<p>Current Issues, Risks, or Concerns</p> <p>We are still waiting for the drawings of 06J2-TK-01, 06K2-TK-01 about G nozzle changing, and also the nozzle projection issue. The moisture trap supports are required to change Last week, all workshops in Jizhou stoped production for 3 days because of mandatory order from government because of environmen issue.</p>	<p>Resolution Plans</p>

WesTech Notes
Your comments as the Manufacturing Mgr.

PICTURES:

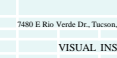


FRP INSPECTION

		Crimar Industrial 7480 E Rio Verde Dr, Tucson, AZ 85715 www.crimar.com sales@crimar.com	
		DOCUMENT TITLE: Table NM7-2 Inspection Checklist for RTP Equipment	
PROJECT DESCRIPTION: EQUIPMENT TAG NO. EQUIPMENT SERIAL NO.		Page ____ of ____	
Equipment description _____ Fabricator _____ P.O. no. _____			
Event	Inspection Event	Not Appl.	Witness
		Verify	Plnspr./ Date
1	Resin identification		
2	Acetone wipe test		
3	Barcol hardness test		
4	Ultraviolet stabilizing record		
5	Removal of mold release agents		
6	Nozzle cutout specimens		
7	Testing of nozzle cutout specimens		
8	Visual inspection of laminate quality (see next page)		
9	Postcuring		
10	Hydrostatic test		
11	External dimensional check — orientation/lev.		
12	Internal dimensional check		
13	Material thicknesses (poly gage, etc.)		
14	Out-of-roundness		
15	Wall taper		
16	Plumb and square of connections, supports, etc.		
17	Flange drilling		
18	Flange bolt hole spot facing		
19	Flange face flatness		
20	Tank bearing surface flatness		
21	Knuckle radius of head-to-shell joint (bottom)		
22	Nonslip surface on top head		
23	Radiusing of all corner joints		
24	Inspect nozzle joint hand lay-up		
25	Inspect hand lay-up for attachments		
26	Gasket installation and sealing		
27	Nameplate stamping and installation		
28	Final cleaning and shipping preparation		
29	Check shop fit-up of field assembled items		
30	Release for shipment		
31	Obtain Fabricator's Data Report		

Event Progress Chart

Verify — confirm event is true by evidence
 Witness — personal observation of event
 Perform — personal performance of event
 V — event verified/reviewed
 A — accepted
 R — rejected
 P — event in progress
 N — no activity
 C — event complete

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VISUAL INSPECTION FORM BASED ON ASME RTP-1 2011 TABLE 6-1 INSPECTION LEVEL: 2			
CUSTOMER NAME: PROJECT NAME:		CONTRACT NO.:	
MANUFACTURING LOCATION: CRIMAR ORDER NO.:		CONTACT:	
PRODUCT NO.:		DRAWING NO.:	
		DESCRIPTION:	
		Criteria Inner surface Voids,	Criteria Interior mat layers
		surfacing mat	Result
		Result	Approx. 125%
		Re sult and exterior surface	Result
		Comments	Comments
Imperfection Name	Definition of Imperfection	surfacing mat	Result
Burned Areas	Showing evidence of thermal decomposition through discoloration or heavy discoloration (not only on the distribution of the components)	None	None
Chips (surface)	Small pieces broken off or chips to surface	≤ 1.0% dia. Max. by 10% of total thickness	N/A
Cracks	Actual repairs or defined patterns of surface (not including areas to be corrected by paint)	None	None
Crazing (surface)	Fine cracks on the surface of the laminate	None	N/A
Delamination (internal)	Separation of the layers in a laminate	None	None
Dry Spot (surface)	Area of surface where the surface condition is not as specified	None	N/A
Edge Exposure	Exposure of multiple layers of the underlying material to the work environment (usually as a result of chipping or cutting for secondary heat treatment only)	None	N/A
Foreign Inclusion	Particles included in a laminate that are foreign to the composition (not a certain size of dust) (not only fully cured material and not repaired)	1/2" long max. by dia. or thickness not more than 50% of total thickness	1/4" max. by dia. or thickness not more than 50% of total thickness
Gaseous bubbles or blisters	Air trapped within, or between plies of reinforcement, 100% air and liquid (not only fully cured material and not repaired)	Max. dia. 1/16" x 10% of total thickness	Max. dia. 1/8"
Pimples (surface)	Small, sharp, conical protrusions on the surface of a laminate (not to be fully cured filled and treated)	Max. height 0.132"	N/A
PI (surface)	Small voids on the surface of a laminate (right to left) (not to be used in critical areas)	1/8" dia. max. by 1/16" in height	N/A
Porosity (surface)	Presence of numerous visible open (pulsed) spots (not to be used in critical areas) (not to be used in critical areas)	None	N/A
Scratches (surface)	Abrasive marks, grooves, fissures, or channels caused by improper handling	None over 1/16" dia. x 1/2" in height	N/A
Wet blisters (surface)	Blistered condition of the surface, sometimes containing a liquid or a gas, or a solid	None over 1/16" diameter x 1/16" in height	N/A
Wet-out inadequate	Blistered fabric or laminate containing (partially) wet-out areas (right to left) (not to be used in critical areas) (not to be used in critical areas)	None	None
Wrinkles and crazes	Generally linear, sharp changes in surface plane caused by laps of reinforcement layers, irregular voids, chips or cracks	Max. deviation 20% of total thickness	N/A
Allowable cumulative sum of highlighted imperfections	Maximum allowable in any square foot Maximum allowable in any square yard	5 25	5 40
Maximum % repairs	The maximum allowable amount of repairs made in order to pass visual inspection (defined as required prior to inner surface repairs)	10%	10%
INSPECTOR:	DATE:	OVERALL RESULT:	



FRP INSPECTION

THIRD PARTY INSPECTIONS CAN BE ARRANGED THROUGH MOODY, VERITAS, TUV RHEINLAND, ABS CONSULTING OR OTHER INSPECTION SERVICES AS REQUIRED BY THE CUSTOMER. WE WELCOME INSPECTORS AT ANY TIME BEFORE OR DURING THE PRODUCTION PROCESS TO ENSURE THAT ALL REQUIREMENTS ARE UNDERSTOOD



Customer inspection



Third party Moody International inspection



Moody inspectors reviewing drawings and specifications

NO	DESCRIPTION	STATUS	DATE	BY	REMARKS
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Signed inspection report

SHIPPING

UPON COMPLETION AND ACCEPTANCE OF FINAL QUALITY CONTROL REPORTS, THE PRODUCTS ARE PACKED IN SEAWORTHY SHIPPING FRAMES OR CRATES. BILLS OF LADING AND COMMERCIAL INVOICES ARE SUBMITTED TO THE APPROVED SHIPPER



FRP covers shipping to Madagascar



Tanks shipping to Vancouver



Piping being shipped to Morocco



Export crating on flat rack



Loading containers



CRIMAR / SBC



We can help you from the beginning of the project through completion.

*We can assist with the design, fabrication, and shipping of the products sold.
Where appropriate we can also provide on site fabrication or assembly.*

*Once the installation is complete, we can provide ongoing support and
maintenance services.*

How can we help YOU?

Offices in the USA, Canada, Chile, China, Colombia, Mexico, Peru, South Africa

www.crimar.com

www.sbcco-china.com