



Queensland Government

Event Partner

composites
CRC



Composites
Australia

Come to
the Gold
Coast!

19-20 April 2007

Crowne Plaza
Royal Pines Resort
Queensland, Australia



Conference & Exhibition 2007

New Technology Taking Shape



Conference sponsors



Media Sponsors



JEC Composites

Conference Supporters

Australian Composite Structures
Society (ACSS)
SAMPE (Australia)

new technology
taking shape

**If you only go to one industry event
this year, make it this one!**

Something for everybody – Don't miss out!

Join delegates from around Australia and around the world. Hear **Bob Lacovara** from ACMA, **Bobbie Cook** from the Composites Association of NZ, **Tony Vizzini** from SAMPE and many others! Take your choice from up to 35 papers and presentations on the latest developments in the industry and listen to the experts in the field speaking about new technology taking shape in the composites industry.

- Visit more than 30 trade displays by materials and equipment suppliers and manufacturers.
- See live demonstrations on fabrication processes.
- Sign up for a local factory site visit.
- Attend panel discussions on "Occupational Health & Safety Issues", "Employment & Training in the Composites Industry" and on "Research & Development for the Composites Industry".
- Our poolside BBQ conference dinner on Thursday 19th April is an event not to be missed. Partners and guests are welcome.

Stay on for the post conference options!

- Play golf with your industry mates on Friday afternoon at the world-class Royal Pines Golf Course! The Ambrose Challenge is suitable for golfers of all abilities.
- Or choose the once in a lifetime experience of driving a Performance V8 Supercar.
- Get up close and personal with a tiger at Dreamworld!
- Have breakfast with the dolphins at Sea World.
- Or just stay a while on the sunny Gold Coast and explore the many attractions – or just relax!

Composites Australia & the Composites CRC Annual Conference 2007

Delegates will hear presentations from national and international speakers on the new and emerging uses of technology in composite fabrication, design, engineering and processing - and on training and safety issues, which along with research and development, are imperative to these advances. As new technology takes shape, it creates challenges and opportunities for the composites industry.

Message from John Mickel MP

Minister for State Development, Employment and Industrial Relations



Implementation of fibre composites technology is paying off for Queensland – both in terms of job creation and economic achievements.

Fibre composites are a key component in a number of the State's booming industry sectors including advanced manufacturing, aerospace, construction and infrastructure, defence, marine, mining and transport. A recent survey indicated that composites companies contributed an estimated \$1.2 billion to the State's industry turnover in 2004/05, comprising around 300 businesses employing close to 6,800 people.

The Queensland Government is capitalising on this growth through the implementation of its Fibre Composites Action Plan. We have also invested a significant amount into research and development through the

Smart State Innovation Funds and are actively addressing fibre composite skills and training issues through the commencement of an industry-wide skills formation strategy.

We are not alone in seeing this as a Queensland growth industry of the future. I am pleased that our State's fibre composite industry status and potential are being recognised nationally and welcome the 2007 Composites Australia / Composites CRC Conference and Exhibition to Queensland for the first time.

I encourage you to support the Conference and also enjoy some of the best our Smart State has to offer.

John Mickel MP
*Minister for State Development,
Employment and Industrial Relations*

Speakers will include

The Shape of Future Composites

Bob Lacovara – ACMA (American Composites Manufacturers Association) – USA

Crashworthiness of Composites

Tony Vizzini – SAMPE (Society for the Advancement of Material and Process Engineering) – USA

The Composites Industry in New Zealand

Bobbie Cook, CANZ (Composites Association of New Zealand) – NZ

Establishment and Management of Effective Distributor-based Sales Channels - A Model for Growing Globally while Meeting Local Demands

Michael A. Ruby, GlasCraft Inc – USA

Marketing and Communication Strategies Employing Various Media

Andy Rusnak, ACMA (CM Magazine) – USA

Osmotic Blistering - Causes, Prevention, Correction

Chris Cranitch – ATL Composites

New Initiator Products Help "New" Application Technology Shape the Composites Industry of Today

Glenn Campbell – NORAC

New Developments In Release Agent Technologies

Ian Snowdon – Marbocote Ltd / K & H Surface Technologies – UK

Plant Based Resins for Fibre Composites

David Rogers – Fibre Composites Design and Development (USQ)

Impact on Water of Composite Plates and Hulls

Bruce Cartwright – Pacific ESI (Pacific Engineering Systems International)

Gel-Coat Spraying - Features, Advantages, Benefits

Don Wincek – GlasCraft Inc – USA

Polymer Composites with Inherently Generated Micro-/Nano-Fibrils

Debes Bhattacharyya, Director, Centre for Advanced Composite Materials, The University of Auckland – NZ

Wood Plastic Composites

Alan Crosky – University of NSW

Phenolic Ventilation Ducting for the Marine Environment

David Whittaker – Thales Australia

Lighter, Faster, Deeper, Smarter: Case studies in industrial composites R&D at CSIRO Exploration and Mining

Philip Teakle – CSIRO Exploration and Mining

Making Composites Safe in Fire

Stefanie Feih – RMIT / CRC-ACS

Beneath the Surface

Arthur Rendell – Regina Glass Fibre

Supplier Sessions

(registered to date)

3TEX, Inc – Patrick Duke

Advancements in 3-D Braided Composite Preforms

Airtech International – Guy Schindler
Vacuum Bagging Material Selection
"Value Added Services"

Allied Friction Australia – Stephen Lele
Thermal Analysis of Interaction Between Polymers and Additives

DIAB – Stefan Reuterlov
High Temperature Foam Core Material

Earth Composites – Jacques Rohen **VUBONITE**
- **The New Incombustible Composite Matrix**

Exel Composites – Hank van Herk
Going Global

JFR Australia – Peter Clowes
Spray Application of Syntactic Cores

PARTEC – Mark Halford
The Development of Vacuum & Resin Infusion Fittings and Hoses

Valspar – Larry Nunes
XLA PLUS - The Next Generation of High Performance Gel Coat

Round Tables

Skills Development and Access to Funding

A panel discussion on employment & training in the composites industry. Includes: Education & Employment Strategy for the Next Twelve Months – Understanding the Current Work Pool; Why Your Management Methods Will Change – A look at generational differences; Training workers for the demands of the future; Developing a national training strategy to best satisfy the skill development needs of industry; and helping the industry access government assistance.

Occupational Health & Safety Issues

How to Meet Your Workplace Health and Safety Obligations; Health & Safety Legislation and How to Deal With It; and The New Changes in Standards: The Latest Research on Styrene Emissions - understanding the emissions mechanism.

Research & Development Projects for the Composites Industry

Facilitated by Ian Crouch & Frank Rosselli – Composites CRC. Featuring Tony Vizzini and others.



Exhibition and Trade Display

Some 45 trade displays will be arrayed throughout the Benowa Foyer and Prince Ballroom in the Crowne Plaza Royal Pines Convention Centre for the 1 1/2 days of the Exhibition. Come and browse, ask questions, check out state of the art technology, meet colleagues and reps, and talk to experts at their booths. Material suppliers, equipment manufacturers, fabricators and research and educational institutions will be showcasing their latest and greatest products and services!

Find out more about joining Composites Australia's growing association, take the opportunity to purchase interactive educational DVDs, videos and CDs, and learn how the Composites CRC can assist your company.

Several live demonstrations on fabrication processes will take place on the outside terrace adjacent to the Benowa Foyer. These will be repeated at various times throughout the days. In addition, we anticipate several large lawn displays.

Sunrise Session: Site Visit to Riviera

Riviera Marine is the largest boat building facility in the Southern Hemisphere. Have a guided walk through the factory floor and see the boats in progress as well as the finished products!

Registration is required – LIMITED to first 40.

Friday early morning – depart and return by bus from Crowne Plaza Royal Pines.

Exhibitors

(registered to date)

Absolute Vacuum & Engineering
 Aerodynamic Developments
 Airtech Advanced Materials Group
 Applied Machine Tools (UV Pacific)
 ATL Composites
 Auckland UniServices Ltd - University of Auckland
 Chem-Trend Australia
 China National Building Materials Corporation
 China National Building Materials & Equipment Import & Export Corporation
 Colan Products
 Composite Australia shop
 Composites CRC
 DIAB Australia
 Earth Composites
 Fiber Glass International
 Glas-Craft Australasia
 JFR Australia
 K & H Surface Technologies
 Lavender CE
 Magnum Venus Products
 Mega Resins
 NCS Resins
 Nupol Composites
 Queensland Dept of State Development
 RP Asia
 Sika Australia
 Valspar (Australia) Corp.

Demonstrations

Demonstrations will take place over the course of each day at scheduled times.

(Confirmed to date)

Core infusion demonstration of a dinghy hull
 DIAB Australia
FSP Spray Core
 NCS Resins

Conference Program

Crowne Plaza Royal Pines Resort, Ross Street, Ashmore, Queensland

Wednesday 18th April 2007 *Pre-Conference events*

7.00pm - 8.30pm **Welcome Drinks**
 sponsored by Magnum Venus Plastech
 Venue: The Hydrate Bar, Crowne Plaza Royal Pines Hotel

Thursday 19th April 2007 *Conference begins*

7.30am - 8.30am Registration
 8.30am - 5.30pm Conference Sessions
 8.30am - 5.30pm Exhibition open
 6.00pm - 7.00pm Pre Dinner Drinks
 7.00pm - 11.00pm Poolside BBQ Dinner
Partners/spouses & guests are welcome

Friday 20th April 2007

Times TBA Sunrise Session – Factory Tour of Riviera Marine *(numbers are limited)*
 8.30am - 1.00pm Conference Sessions
 8.30am - 2.30pm Exhibition open
 1.00pm - 2.00pm Farewell Luncheon
 sponsored by NORAC

Program available on website www.compositesaustralia.com.au

Welcome Drinks

sponsored by Magnum Venus Plastech

The Welcome Drinks is for all early arrivals and will be held at the Crowne Plaza Royal Pines Resort's brand-new "Hydrate Bar" in an area set aside just for us, from 7.00pm to 8.30pm on Wednesday 18th April 2007. Come along and meet your fellow delegates, conference speakers, sponsors and exhibitors in a relaxed and welcoming atmosphere! Relax from your trip and wind down from the work week.

Poolside BBQ Conference Dinner

The conference dinner will be held on Thursday evening 19th April at the Crowne Plaza Royal Pines Resort's poolside area. It's a buffet barbecue in a relaxed format that will enable you to enjoy the surroundings as you mix and chat with industry colleagues, friends and partners.

Entertainment included! The Dinner is included as part of all Full Conference Delegates' registrations; partners, spouses, guests, exhibition booth staff and visitors may also purchase "Dinner Only" registrations – see registration form.

Dress: casual - relaxed, beachy, Caribbean or "Very GC" (Gold Coast!) Average weather on the Gold Coast for April should be in the beautiful mid-20's C (mid 70's F), dropping to a pleasant low of 17-20C (60-65F) in the evenings.

Pre-Dinner Cocktail Hour

Following the close of Day 1 of the conference & exhibition, relax with a drink and network with colleagues before moving poolside for dinner.



Information for Delegates



Venue and Accommodation

The beautiful and lush Crowne Plaza Royal Pines Resort is located at the heart of the Gold Coast, midway between the magnificent beaches of Surfers Paradise and the lush rainforests of the Hinterland. In addition to the purpose built award winning convention centre, it boasts a five star hotel with all the luxuries.

We have secured a special rate of \$170.00 per night for a standard room for our conference delegates at the hotel. You must use the accommodation booking form to secure these rates – it can be downloaded from www.compositesaustralia.com.au or sent to you on request. Rooms are limited – book now to avoid disappointment.

Crowne Plaza Royal Pines Resort

Address Ross Street, Ashmore,
Queensland, 4214 Australia

Telephone + 61 7 5597 1111

Toll Free within Australia: 1800 074 999

Facsimile + 61 07 7 5597 2277

Email rpr@rpr.com.au

Website www.royalpines.com.au

Parking is available on-site at no extra cost.

There are alternatives for those wishing to stay in Surfers Paradise. Please note that for those not staying at Crowne Plaza Royal Pines, transport to and from the conference would be by your own arrangement.

Courtyard by Marriott Surfers Paradise Resort
\$135 for a standard room.

Cnr Surfers Paradise Blvd & Hanlan Street,
Surfers Paradise. Phone +61 7 5579 3499
sales@cyspr.com.au www.marriott.com.au

Gold Coast International Hotel
\$145 for a single Mountain River View Room.

7 Staghorn Ave Surfers Paradise.
Phone + 61 7 5584 1242
res@gci.com.au www.gci.com.au

Legends Hotel Gold Coast
\$140 for a standard room.

Cnr Gold Coast Hwy & Laycock St Surfers Paradise
Phone +61 7 5588 7884
relax@legendshotel.com.au

Travel Information

Ashmore is 24 km north of the Gold Coast Airport and 80 km south of Brisbane Airport.

For guests travelling to and from Brisbane, the Gold Coast is connected to Brisbane by a rail service. Catch the "Air Train" direct from Brisbane Airport. The Nerang Rail Station is five minutes drive from the Resort in Ashmore.

The resort offers a complimentary shuttle service loop to Surfers Paradise, Jupiters Casino and Pacific Fair Shopping Centre.

Post Conference Options

Friday 20th April 2007

Ambrose Golf Challenge 2.00pm - 5.00pm

Royal Pines is famous for its championship golf course! Everyone is welcome for this event - no prior golf experience necessary. Beginners and experts alike will enjoy this friendly competition. The challenge will be followed by refreshments and the presentation of prizes.

Holden Performance V8 Supercar Driving and Racecar workshop tour 1.30 pm - 5.00 pm

Ever wondered what it feels like to drive a V8 Supercar around a track at 150kph? Board the bus from the resort to nearby Ormeau, where you will be introduced to the V8 Supercars and learn about how they're made and how they're raced. Then, suit up in the full fireproof gear and drive a few laps yourself!

An instructor will be in the passenger's seat - but you're in control!

You'll then change places and see - and feel - how the pros drive.

This activity also includes the Paul Morris V8 Workshop Tour, a certificate, a souvenir cap, refreshments and bus return.

Drinks with the Tigers at Dreamworld 6.00pm - 8.30pm

After golf or a relaxing afternoon, hop on a bus for a trip to Dreamworld in Coomera, about 20 minutes north of the resort.

The theme park is closed to the public at this time of day, but our group has special privileges. Walk through to Tiger Island and enjoy drinks and nibbles while you watch the tigers interact with their keepers, hear about their behaviour and activities, and watch them go through their paces. If conditions suit (i.e., tiger moods!), a tiger will be brought out and guests may experience the thrill of actually patting this majestic jungle king. Guests also receive a souvenir of their visit.

SATURDAY 21st April 2007

Breakfast with the Dolphins at SeaWorld 7.30am - 9.30am

Early risers will board a bus for a short ride to SeaWorld in Main Beach, about 20 minutes from the resort and just north of Surfers Paradise and be welcomed into the park - closed to the public at this hour – for a hot breakfast by the dolphin lagoons. Watch the dolphins interact with their trainers and each other, and learn about these intelligent mammals' capabilities. Next, you will have the opportunity to meet a dolphin in waist depth water for an educational, dolphin pat and photograph! Guests also receive a souvenir of their visit.

All delegates and exhibitors will receive discount coupons for a variety of the local theme parks and attractions, courtesy of Warner Village Theme Parks & Dreamworld.



Further Enquiries

Ann Byrne, Event Coordinator, Composites Australia
L15, 10 Queens Road, Melbourne, Victoria 3004 Australia

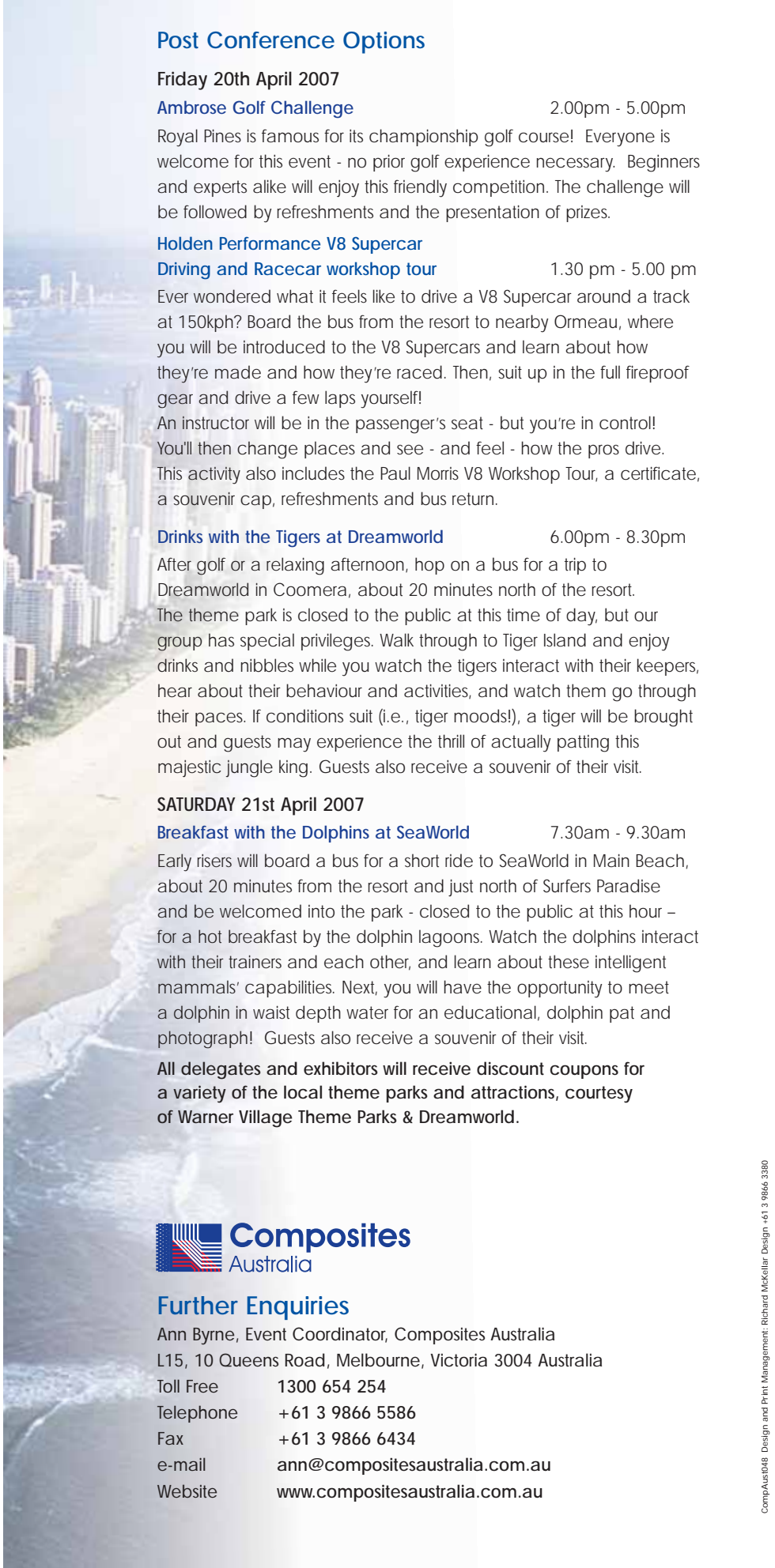
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Website www.compositesaustralia.com.au



Conference Registration & Tax Invoice



Supported by
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composites
CRC



Conference & Exhibition 2007 New Technology Taking Shape

19-20 April 2007 Crowne Plaza Royal Pines Resort, Gold Coast, Australia

Conference Package includes:

- Conference Sessions (including all presentations, panel discussions and tutorials) – full day 19th April & half day 20th April 2007
- Access to exhibition & demonstrations
- Morning & afternoon tea and luncheon both days
- Pre-dinner Drinks & Poolside BBQ Dinner on 19th April, plus
- Conference Satchel (sponsored by Fiber Glass International).
- All delegates are invited to the Welcome Drinks on Wednesday evening 18th April, sponsored by Magnum Venus Plastech in the Hydrate Bar at the resort.

* In addition to our event partners, this Conference is supported by the ACSS and SAMPE (Australia). Members of these groups, as well as members of the Composites Association of New Zealand and the Composites CRC, are also welcome to register at Composites Australia Member prices.

	Members Total (Incl of GST)	Non-Members Total (Incl of GST)	Your Total Price
Conference Package	<input type="checkbox"/> \$495.00	<input type="checkbox"/> \$595.00	\$
Student Conference Package (excludes pre-dinner drinks & dinner)	<input type="checkbox"/> \$195.00	<input type="checkbox"/> \$195.00	\$
Drinks & Poolside Dinner Only – Thursday 19th April No Charge for registered delegates (Partners & guests welcome)	<input type="checkbox"/> \$99.00	<input type="checkbox"/> \$99.00	\$
Riviera Site Visit – Friday 20th April, early morning	<input type="checkbox"/> No charge – registration is required (please tick if attending)		N/C

Special Dietary Requirements

Guests names for Dinner Only Registrations

Post Conference Options

Ambrose Golf Challenge

Friday 20th April at 2.00pm – Royal Pines Golf Course / 9 Hole Golf Challenge (Registration for golf includes round of golf, motorised carts, refreshments & prize presentation ceremony) *Club Hire of \$16.50 & shoe hire \$11.00 are additional.*

	<input type="checkbox"/> \$55.00	<input type="checkbox"/> \$65.00	\$
Extras	<input type="checkbox"/> \$16.50 for club hire	<input type="checkbox"/> \$11.00 for shoes hire	Please provide your handicap (if known) <input type="text"/>

Holden Super V8 Driving

Friday 20th April at 1.00pm – Includes bus from Crowne Plaza Royal Pines Resort to event and return. Limited to 50 participants, so don't miss out!

A minimum of 15 participants applies for this event to take place. \$325.00 \$375.00

Drinks with the Tigers

Friday 20th April at 6.00pm – Includes bus from Crowne Plaza Royal Pines Resort to event and return. Limited to 50 participants, so don't miss out!

A minimum of 20 participants applies for this event to take place. \$200.00 \$250.00

Breakfast with the Dolphins

Saturday 21st April at 7.30am – Includes bus from Crowne Plaza Royal Pines Resort to event and return. Limited to 30 participants, so don't miss out!

A minimum of 15 participants applies for this event to take place. \$230.00 \$275.00

Total \$

I do not wish to register for the full conference, but would like to register for a free "exhibition viewing only" ticket.

Confirmation of your registration will be sent via email.

Please include payment details on this form. Please keep a copy for GST records. This form becomes your Tax Invoice. All prices are in Australian dollars and inclusive of GST.

REGISTRATION FORM & TAX INVOICE ABN 64 724 505 039



Delegate _____ Company _____

Address _____ Suburb _____ State _____ Postcode _____ Country _____

Email _____ Telephone _____ Mobile _____

Direct Credit to our bank account:

Commonwealth Bank Branch: Ringwood VIC BSB No: 063 167 Account No: 1019-2685

Payment Date

My cheque for \$ _____ is enclosed. (Please make payable to Composites Australia)

charge: (please tick box)

Visa

Mastercard

Total Amount \$ _____

Expiry Date

Card Holder's Name

Signature

For additional information, please contact Ann at Composites Australia on +61 3 9866 5586 or ann@compositesaustralia.com.au

Please complete to confirm your registration (one per person) and return via fax +61 3 9866 6434, or mail to Composites Australia, PO Box 344, Hawthorn VIC 3122 Confirmation of your registration will be sent via email

Refund Policy: To receive a refund for a cancelled registration, withdrawals must be made in writing and received by post, fax or email by 11 April 2007. Withdrawals received after that time will not be refunded.