



*Down to Earth Training and Assessing*  
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Down To Earth has partnered with Blast It Global and has a commercial arrangement for Blast It Global to provide nationally accredited training utilising Down To Earth's scope of registration. Down To Earth is an RTO (Registered Training Organisation) accredited through ASQA (Australian Skills Quality Authority), which is nationally recognised, giving this training national recognition. (ASQA requires this information to be displayed)

## Advanced Blast Designer

### Perth – Western Australia

### Belmont Sports & Recreation Centre

10<sup>th</sup> & 11<sup>th</sup> October 2024



Blast It Global has consolidated over 50 years of drilling and blasting experience in the mining, quarrying and construction industries to deliver a comprehensive Advanced Blast Designer training course. The course meets the requirements of unit "RIIBLA403 Design blasts" as well as being tailored to meet the specific demands of the resources industry.

The topics that are included are:

- **Introduction**
- **Emerging trends and technologies;**
- **Blast design management;**
- **Explosives properties & selection;**
- **Initiation systems**
- **Production blasting**
- **Wall control blasting**
- **Advanced Initiation designs**
- **Vibration Control Techniques**
- **Misfire Investigation and Control Techniques**





The training will use power point presentations, videos, workshops, software and discussions to engage the students and convey the information. The two course presenters are both active blasters, who regularly provide services to the resources industry; including blast design, blast improvement studies, Shotfirer training, misfire investigation, explosive formulation research, explosives product testing, and engineering consultancy services.

The subject learnings will be reinforced with specialised workshops focusing on topics which are relevant to delivering benefits at the student's workplace(s).

### **Workshops**

- Initiation design
- Advanced initiation non-electric design
- Advanced initiation electronic design
- Blast designs, wall control, fragmentation improvement, vibration control
- Airblast control \ Vibration Control
- Misfire investigation

Blast It Global through their commercial agreement with Down to Earth Training and Assessment can offer formal qualifications as part of the National Units of Competency (UoC), "RIIBLA403 Design blasts".

### **Practical Training Requirements**

To gain the UoC students will be required to complete practical workplace evidence as follows; After the successful completion of the classroom training, students will return to their work place and undertake blast designs using the knowledge and skills from the course. A portfolio of work is then submitted to Blast It Global for assessment.

On the successful completion of the theory and practical assessment the student will be issued with a Statement of Attainment (SOA), RIIBLA403 Design Blasts. **Non Australian residence will be issued with a Certificate of Completion (CoC).**

Prerequisites: All participants must have a minimum of 6 month's experience in practical blasting applications, such as drill and blast design, supervision of on-bench teams, experience working with explosives, or relevant geotechnical/ geology based roles. The course assumes prior knowledge of drilling and blasting practices.

Schedule: The Advanced Blast Designer course is conducted over a period of 2 days, with 8 hours of learning per day.

### **Course Cost:**

Included in the two-day course are; course notes, catering (morning/afternoon tea and lunch, coffee and tea), assessment of submitted evidence, and issuing the Certificate of Attendance.

**Advanced Blast Design Training                      \$3,575.00 per attendee (GST exclusive)**

Additional costs that are at the attendee's expense may include items such as: Accommodation, breakfast and evening meals, parking, transport to and from the venue. All the additional costs must be paid by the participant or the company that the participant is employed by. Blast It Global will not pay for and is not responsible for any of the additional costs.

The course is limited to a minimum of 4 and a maximum of 18 participants.

(Complete this form and email to [drew@blastitglobal.com](mailto:drew@blastitglobal.com))

For any questions with regards to modules and workshops contents or completing these forms, please contact Drew Martin for clarification.





**Blast It Global Pty Ltd**  
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# BIG Advanced Blast Designer Course Trainee – Expression of Interest form

Perth – Western Australia  
Belmont Sports & Recreation Centre

10<sup>th</sup> & 11<sup>th</sup> October 2024

Please complete one form for each applicant and return by the **3<sup>rd</sup> October 2024**.

Blast It Global  
PO Box 210  
Cloverdale WA 6985  
Tel: 0477 339 648  
Email: [drew@blastitglobal.com](mailto:drew@blastitglobal.com)

(Complete this form and email to ([drew@blastitglobal.com](mailto:drew@blastitglobal.com)))

Surname: .....

First Name: .....Telephone No.: .....

Position/Title: .....

Company: .....Work Location: .....

Attendee's Postal Address: .....

.....Post Code: .....

Attendee's Email Address: .....

Payment method:      Purchase Order (current customers only)        
                                 EFT Deposit        
                                 Credit Card        
                                 (Place cross in the correct box)

On receiving the completed Expression of Interest form, an invoice will be provided for payment.

