Safety & Health
everyone’s business

23 - 26 August 2009

Townsville Entertainment & Convention Centre (TECC)
and Jupiters Townsville

Conference Program

Conference Program proudly sponsored by Theiss Pty Ltd
Sunday 23rd August

2.00pm – 6.00pm  REGISTRATION – Townsville Entertainment and Convention Centre

4.30pm  CONFERENCE OPENING
Bruce Young, Master of Ceremonies

Welcome to Country

WELCOME
Stewart Bell, 2009 Conference Chair - Executive Director, Safety and Health Division; and Commissioner for Mine Safety and Health
The Hon Craig Wallace MP, Member for Thuringowa and Minister for Main Roads

5.00pm – 6.00pm  KEYNOTE PRESENTATION- Proudly Sponsored by ADT Security
Power of Positive Doing
Dr Phil Jauncey, Performance Psychologist

6.30pm  WELCOME FUNCTION – The Brewery - Proudly Sponsored by Peabody Energy Australia

10.00pm to late  THE RESCUE STATION – Lobby Bar, Jupiters Townsville

Monday 24th August

7.30am - 6.00pm  REGISTRATION – Townsville Entertainment and Convention Centre

8.30am  Bruce Young, Master of Ceremonies

8.30am – 9.00am  THE REAL MAN’S TOOL BOX
A DIY Health Manual For Men
Tammy Farrell, Managing Director, Core Health Consulting Pty Ltd

9.00am – 10.30am  KEYNOTE PRESENTATIONS - Proudly Sponsored by BHP Billiton Mitsubishi Alliance
The National Mine Safety Framework: Achieving Better Safety and Health Outcomes through National Consistency
The Hon Clive Brown, Chair, National Mine Safety Framework Steering Group

Harmonising Australian OHS Regulation: The Key Recommendations of the National OHS Review
Professor Richard Johnstone, Director, Socio-Legal Research Centre, Griffith Law School, Griffith University

10.30am – 11.00am  MORNING BREAK AND TRADE DISPLAYS - Proudly Sponsored by Xstrata Queensland

11.00am – 12.30pm  KEYNOTE PRESENTATIONS - Proudly Sponsored by Downer EDI Mining
The Shipping Industry - 2,000 Years On
Capt. Brett Whiteoak, Regional Shipping Manager – Australia, BP Shipping

“From Company Culture to Behaviours to Safety First” - Lessons from the Oil & Gas Industry
Paul Zealde, Executive General Manager, Upstream Oil & Gas, Origin Energy

12.30pm – 1.30pm  LUNCH AND TRADE DISPLAYS - Proudly Sponsored by Southern Engineering Services Pty Ltd

1.30pm – 3.00pm  Presentation by Dr Karl Kruszelnicki

INNOVATION PRESENTATIONS - Proudly Sponsored by Coal Services Health & Safety Trust
Chaired by Dr Karl Kruszelnicki

Remote Emergency Shutdown of Hydraulic Excavator
New Hope Coal; Mick Jeffreys and Bill Drysdale

Dipper Trip System Improvement Project
BMA Goonyella Riverside Mine; Brian Mann, John Langley and Warren Dale

Apron Feeder Locking Tool
Rio Tinto Alcan; Dan Draper and Chris Beinvenu

CAT 797B Rear Chassis Access Work Platform
Anglo Coal; Adrian Clarke and Trevellyn Evans

Water Reserve in Water Truck/Fire Fighting Appliance
New Hope Coal; Mick Jeffreys and Bill Drysdale

3.00pm – 3.30pm  AFTERNOON BREAK AND TRADE DISPLAYS - Proudly Sponsored by Down Under Training
INNOVATION PRESENTATIONS

Chaired by Dr Karl Kruszelnicki
Longwall Boot End Conveyor Belt Guarding
BMA Coal; Mike Nesbitt and Eddie Booth

Joystick Test Module
MMG Century; Rod Dugmore and George Brischetto

AURT 572593 A Analyse & Evaluate Wheeled Mobile Plant Braking System Faults in NSW, Qld
Private Entry; Sam Lichos

Feeder Blockage Removal Device
BHP Billiton; Shane Phillips

Hydraulic Semi-Automatic Chain Control System
Xstrata Copper; Londt Van Der Merwe and Bruno De Valter

NSW Innovation Winner - Centennial Hydraulic Isolation Control System (CHCS)
Newstan Colliery Centennial Coal; Peter Bergin

THE RESCUE STATION – Lobby Bar, Jupiters Townsville

PRE DINNER DRINKS – The Grand Marquee, Jupiters Townsville

INFORMAL DINNER & CHARITY AUCTION IN AID OF ANGEL FLIGHT – The Grand Marquee, Jupiters Townsville
Proudly Sponsored by uvex safety Australia Pty Ltd

ENTERTAINMENT by Scott Williams AKA ‘the Doctor’

Tuesday 25th August

REGISTRATION – Townsville Entertainment and Convention Centre
Bruce Young, Master of Ceremonies

A Storm in a Crib Hut
John Sleigh, Inspector of Mines, Mackay, Mines and Energy, DEEDI and Michael Rosengren, General Manager, Thiess Australian Mining

KEYNOTE PRESENTATIONS - Proudly Sponsored by Xstrata Queensland Automation Technology Making Mining Safer
Prof. Eduardo Nebot, Director, Australian Centre for Automation and Field Robotics, The University of Sydney
Safety at Rio Tinto is the Way We Work
Bill Champion, Managing Director, Rio Tinto Coal Australia

MORNING BREAK AND TRADE DISPLAYS – Proudly Sponsored by BHP Billiton Mitsubishi Alliance

AUTOMATION TECHNOLOGY MAKING MINING SAFER

Chair: Mark Ruston
General Manager, Mining, Golding

Critical Control Risk Registers
Paul Wood, SHEC Systems Specialist, Anglo Coal Australia

BMA SAFE: From 42 Different Tools to 1
Christian Young, HSER, OHS Principal, BHP Billiton Mitsubishi Alliance

The Role of Defect Elimination in Reducing Hazard Exposure
Stuart Tomlins, Superintendent, Anglo Coal, Callide Mines

UNDERGROUND SYSTEMS

A Safe Chemical-Oxygen Self-Rescuer Changeover in Adverse Environment
Darren Brady, Manager OHECC, Simtars

Emergency Mine Re-Entry and Knowledge Management
Geoff Nugent, Operations Manager, Queensland Mines Rescue Service

CFD Simulation of Underground Coal Dust Explosions
David Humphreys, Principal Consultant, SkillPro Services P/L

C RITICAL CONTROL RISK REGISTERS

Chair: Wayne Hartley
State Manager, Queensland Mines Rescue Services

A Storm in a Crib Hut – The Case for Proximity Detection Systems
Tilman Rasche, Senior Inspector of Mines, Mines and Energy, DEEDI and Michael Rosengren, General Manager, Thiess Australian Mining

A Holistic Look at Light-Heavy Vehicle Interaction
Luke McGarry, Project Manager, Tarong Meandu Coal Mine, Thiess Pty Ltd

Implications of Directional Control-Response Compatibility for Design of Mining Equipment
Robin Burgess-Limerick, Associate Professor, Postgraduate Ergonomics Coordinator, School of Human Movement Studies, The University of Queensland

JUPITERS PAVILION

Proudly Sponsored by
Respiratory & Sleep Specialists
Chair: Ian McDonell
Manager Compliance, Peabody Energy

Health in the Heat: Combating Heat Stress at Surface Mines
Andrew Hunt, PhD Candidate, Institute of Health & Biomedical Innovation, Faculty of Health, Queensland University of Technology

At last, a Sustainable Injury Reduction Program that Works! - Case Studies Revealed
Fleta Solomon, Managing Director, Onsite Health Solutions

Functional Bridge
Jennie Sutcliffe, Superintendent – Health & Safety, Xstrata Zinc Lead Operations

Helen Poyzer, Superintendent, Health & Medical Services, Xstrata Zinc Lead Operations

David Rose, Physiotherapist/ Ergonomist, Mt Isa Physiotherapy
### Tuesday 25th August

#### 12.30pm – 1.30pm
**LUNCH AND TRADE DISPLAYS** - Proudly Sponsored by LifeAid Pty Ltd

#### 1.30pm – 3.00pm
**CONCURRENT PAPERS**

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<th>Magnetic Room</th>
<th>Palm Room</th>
<th>Jupiters Pavilion</th>
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<tr>
<td><strong>Leadership</strong></td>
<td><strong>Fitness for Work</strong></td>
<td><strong>Safety Management</strong></td>
<td><strong>Systems 2</strong></td>
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<td>Proudly Sponsored by <strong>Sparke Helmore Lawyers</strong></td>
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<tr>
<td>Chair: Peter Westerhuis</td>
<td>Chair: Jason Economidis</td>
<td>Chair: Brian Selmes</td>
<td>Chair: Greg Rowan</td>
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<td>CEO, Ensham Resources</td>
<td>Vice President, HSEC, BMA Coal</td>
<td>Health and Safety Manager, Thiess</td>
<td>Head of Safety, Health &amp; Environment, Anglo Coal Australia</td>
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<tr>
<td>Leadership and Safety - still not Connected</td>
<td>Fitness for Work Policies in Coal Mining</td>
<td>Safety at Aquila - Worst to Best in 4 Years!</td>
<td>Formulating an Integrated OH &amp; SMS for our Business</td>
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<tr>
<td>Conrie Pitzer, Chief Executive Officer, SAFEmap International</td>
<td>Gerald Tiernan, A/Manager, Health Surveillance Unit, Safety and Health, Mines and Energy, DEEDI</td>
<td>Michael Downs, Mine Manager, Capcoal Underground, Anglo Coal Australia</td>
<td>Brendan Callaghan, Manager, Health, Safety &amp; Training, Xstrata Zinc</td>
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<tr>
<td>Grant Chisnell, Director, Damiapiq Pty Ltd</td>
<td>Natalie Tindale, General Manager, MB Solutions (Aust) Pty Ltd</td>
<td>Ray Parkin, Mining Consultant</td>
<td>Jane Moss, Occupational Health and Safety Manager, BM Alliance Coal Operations Pty Ltd</td>
</tr>
<tr>
<td>RBS - The Business Case for Reinforcing Safety</td>
<td>Fatigue Risk? The Roles of Napping, Depression and Alcohol</td>
<td>Mining Safety Prosecutions</td>
<td>A Risk Assessment of Induction Training</td>
</tr>
<tr>
<td>Jess Ludwig, RBS Specialist Consultant, SafetyWorks Group</td>
<td>Brad Strahan, Managing Director, Brad Strahan &amp; Associates Pty Ltd</td>
<td>Chris Seymour, Principal, Safety Scenario</td>
<td>Deanna Hutchinson, Chief Advisor, Learning and Development, Mining Industry Skills Centre</td>
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<td>Renee Gallimore, Research Officer – Learning and Development, Mining Industry Skills Centre</td>
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#### 3.00pm – 3.30pm
**AFTERNOON BREAK AND TRADE DISPLAYS** - Proudly Sponsored by Respiratory and Sleep Specialists

#### 3.30pm – 5.00pm
**CONCURRENT PAPERS**

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<td><strong>Data Schemes &amp; Modelling</strong></td>
<td><strong>Occupational Health</strong></td>
<td><strong>General</strong></td>
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<td>Proudly Sponsored by <strong>CFMEU Mining &amp; Energy Division</strong></td>
<td>Proudly Sponsored by <strong>Drake WorkWise Pty Ltd</strong></td>
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<td>Chair: Brett Garland</td>
<td>Chair: Mauro Soto</td>
<td>Chair: Peter Newman</td>
<td>Chair: Doug White</td>
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<td>General Manager, Resource Development, New Hope Coal Australia</td>
<td>Safety Manager, Peabody Energy</td>
<td>Executive General Manager, HSE &amp; HR, Downer EDI Mining Pty Ltd</td>
<td>Deputy Chief Inspector DEEDI, Trades Division</td>
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<tr>
<td>Brian Plush, Senior Consultant, Environmental Contamination Controls</td>
<td>Gul Kizil, Senior Research Officer, Minerals Industry Safety and Health Centre</td>
<td>Dustin Bennett, Principal Consultant OHS, Hygiene, GCG Health Safety &amp; Hygiene</td>
<td>Safe, Skilled and Productive Supervisors</td>
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<tr>
<td>Trigger Action Response Plans in Underground Coal Mines - Tips, Tricks and Pitfalls</td>
<td>HFACS-MI Analysis of Queensland Mining Incidents</td>
<td>Similar Exposure Groups and the Importance of Clearly Defining Them</td>
<td>Deb Jones, Manager, Program</td>
</tr>
<tr>
<td>David Cliff, Operations Manager, Minerals Industry Safety and Health Centre</td>
<td>Trudy Tibury, A/Senior Principal Ergonomist/Principal Human Factors Advisor, Mines Safety and Health, Mines and Energy, DEEDI</td>
<td>Gavin Irving, Principal HSE Scientist, Simtars</td>
<td>Delivery, Mining Industry Skills Centre</td>
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<tr>
<td>Australian Sealing Practice and use of Risk Assessment Criteria ACARP Project 17015</td>
<td>Using OMAT to Understand Equipment Design Issues</td>
<td>Hearing Assessment is an Essential Part of Hearing Conservation</td>
<td>ISO 5006:16001 for Earthmoving Equipment Operators Visibility</td>
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<tr>
<td>Hsin Wei Wu, Director, Gillies Wu Mining Technology Pty Ltd</td>
<td>Brad Pritchard, Occupational Therapist, Xstrata Copper, Mt Isa Mines</td>
<td>Kevin Hedges, Senior Principal Occupational Hygienist, North Region Safety and Health, Mines and Energy, DEEDI</td>
<td>Peter Woodford, Managing Director, LSM Technologies Pty Ltd</td>
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### Conference Program

#### 6.30pm – 7.15pm
**PRE DINNER DRINKS** – Townsville Entertainment and Convention Centre - Forecourt

#### 7.15pm
**CONFERENCE DINNER AND INNOVATION AWARDS** - Townsville Entertainment and Convention Centre - Auditorium - Proudly Sponsored by CFMEU Mining and Energy Division

Address by The Hon Stephen Robertson MP, Minister for Natural Resources, Mines and Energy and Minister for Trade

**ENTERTAINMENT** Presenting ‘Come Fly With Me’ featuring Lesley Hancock and Leave it to Diva

### Wednesday 26th August

#### 7.30am - 1.30pm
**REGISTRATION** – Townsville Entertainment and Convention Centre

#### 9.00am – 10.00am
**Aligning People and Systems – the Journey to a Resilient Culture**
By aligning these two critical components to provide a realistic and sustainable base we can determine where to ‘draw the line in the sand’ allowing for the development of efficient, strategic plans to move forward
David Reece, Senior Consultant, The Safety Managers

#### 10.00am – 10.30am
**MORNING BREAK AND TRADE DISPLAYS** - Proudly Sponsored by The Australian Workers’ Union

#### 10.30am – 12 noon
**FACILITATED SESSION** - Proudly Sponsored by Anglo Coal Australia

**Raising the Bar to Achieve Zero Harm – what will it really take?**
Key stakeholders from unions (AWU and CFMEU), mining organisations and government will debate the current status of the industry and what it will take to move forward in its endeavours to reach ZERO HARM
**Facilitator:** Jenny Brockie, Journalist and Broadcaster

#### 12 noon – 12.15pm
**FORMAL CLOSE OF CONFERENCE**
Michael Roche, 2010 Conference Chair – Chief Executive, Queensland Resources Council

#### 12.30pm – 1.30pm
**FAREWELL LUNCH** - Proudly Sponsored by Downer EDI Mining
The above sponsors were confirmed at the time of printing.