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The torque

MITO NEWS – ISSUE 4 | 2011

Further your career with a MITO Scholarship

MITO has established a new scholarship programme to help apprentices and graduates to develop and build their skills and knowledge.

The scholarships recognise the huge range of opportunities available for people who are passionate about learning and want to advance their career.

If this sounds like you or someone you know, check out the possibilities:

- **The School Leavers' Scholarship** is for people leaving school and planning a MITO apprenticeship. Participation

in MITO's StartUp® programme isn't necessary, but a 'can do' attitude and a willingness to learn are a must. Applicants also need to have been working in the industry for less than three months and have a formal offer of full-time employment. There are six scholarships available, each worth \$1,000.

- **The ATech® Scholarship** is for people who have completed a MITO Level 4 National Certificate and are keen to study for ATech® – MITO's elite training programme for people who want to work in advanced technical roles. There are three

scholarships available, each worth \$1,000.

- **The Graduate Scholarship** is for people who have completed a MITO Level 4 National Certificate and want to do further training in some way, such as through another MITO qualification, international study or some practical experience overseas. There are four scholarships available, each worth up to \$3,000.

Interested? To find out more, visit www.mito.org.nz – then print and complete the application form to apply.

Closing date has been extended to 31 March 2011.

Kickstart
your career with a MITO
SCHOOL LEAVERS SCHOLARSHIP

There are six scholarships available for school leavers entering a MITO apprenticeship, each valued at \$1,000. Applications are open to school leavers who are currently working full-time (three months or less) or have a formal offer of employment in the automotive or industrial trade fabrication industries. To download an application form or for more information go to www.mito.org.nz/scholarships

Advance
your career with a MITO
ATECH® SCHOLARSHIP

There are three scholarships available for automotive technicians who wish to enrol into MITO's ATech® programme at level 5, each valued at \$1,000. Applications are open to automotive technicians who have completed a level 4 National Certificate. To download an application form or for more information go to www.mito.org.nz/scholarships or contact your local MITO Industry Training Advisor.

Further
your career with a MITO
GRADUATE SCHOLARSHIP

There are four scholarships available for MITO graduates who wish to continue their study either in the automotive or industrial trade fabrication industries, each valued up to \$3,000. Applications may include:

- The National Certificate in Business (Final Line Management) (Level 4)
- other tertiary educational programmes
- manufacturer training programmes (either on-site or off-site)
- an international study programme.

 Applications are open to technicians who have completed a level 3 or 4 qualification through MITO and who have the approval/permission of their employer. To download an application form or for more information go to www.mito.org.nz/scholarships or contact your local MITO Industry Training Advisor.



MITO UPDATE



We are absolutely committed to supporting our learners achieve successful outcomes.

In an entirely new initiative, a literacy and numeracy online assessment will be administered before learners enrol in their MITO

training programme. The results will provide us with valuable insight on the best possible support we can provide. Early intervention will ensure that all learners can achieve their full potential.

Another fantastic new initiative is our scholarship programme. It is designed to reward our high achievers and support new emerging talent. The application process is simple. Just log onto our website and download an application form. The deadline for entries is 31 March 2011. Make sure you take this opportunity to advance your career.

That's exactly what Drew Avery plans to do as he prepares to take to the international stage at WorldSkills in London in October. It is the world's largest skills competition, attracting over 150,000 spectators from around the globe. Drew is determined to bring back a medal!

We will be featuring the other two automotive WorldSkills competitors representing New Zealand in our next issue – along with our scholarship recipients.

Imagine – that could be you!

Janet Lane
Chief Executive

Christchurch Earthquake

The team at MITO wishes to express their sympathy to those affected by the earthquake in Christchurch.

MITO's Canterbury-based Industry Training Advisors John Edwards and Garry Kilday have been contacting our learners and workplaces in the region and developing impact assessment reports to ensure MITO can offer appropriate support at this difficult time.

NEWS FROM MITO

Taking skills to the world stage

Refinishing is Drew Avery's passion; and his skills and talent are now going to be showcased in London, where the former MITO apprentice is representing New Zealand in the WorldSkills competition.

Drew will be part of the New Zealand 'Tool Black' team going to WorldSkills – a four-day event in October 2011, at which more than 1200 young people from 52 nations will compete in 45 different skill areas. Covering everything from electronics to creative arts, WorldSkills promises to be an amazing experience for Drew, who'll be taking on the world's best in the vehicle refinishing category.

Drew works at the Stokes Valley Collision Repair Centre. Now an accomplished technician, he took the first steps on his career path at Upper Hutt College where he completed a 'taster' course at Weltec – and he was hooked. He enrolled in a pre-apprenticeship course and was soon offered a job.

"For me, what started as a job has become a career – and I plan to own my own business one day."

"I love the diversity of my job; being able to work on motorbikes and cars of all types and models," he says. "I also get a lot of satisfaction from delivering a good result for our customers."

Drew is well on the way to proving he has what it takes. He was sponsored by State Insurance during his MITO apprenticeship. In 2009 he won the State Refinishing Apprentice of the Year Award, winning a place with the State smash repair team in the Hamilton ITM400 as well as working with the crew during the Hamilton Super Car competition. He was also named the inaugural Apprentice of the Year in the Hutt Valley Business Excellence Awards.

Drew has been determined to go to WorldSkills since he came third in the national team-selection competition in 2008. He's now focused on returning home with a medal, with mentoring from refinishing skill expert Roger Hiini.

With six months to go, Drew will be primed for the competition.

"My sponsors Dupont and Resene already have a training plan organised," he says, "and I'll be going to Australia for some extra training, as well as a mock WorldSkills competition. Roger is also putting a lot of effort into helping me with details that could make all the difference on the day."

The next issue of *The Torque* will feature the other two automotive competitors – Andre Prinsloo (autobody repair) and Curtis Hartley (automotive technology).



For me, what started as a
job has become a career

Drew Avery

Nationwide recruitment campaign

After an extensive nationwide recruitment campaign 19 new apprentices have launched their careers at Gough Gough and Hamer Investments Ltd (Goughs).

Goughs are a major employer of apprentices in New Zealand with nearly 60 apprentices on their books and six staff completing business skills programmes through MITO. Goughs employ most of their apprentices in their transport and equipment groups operating in numerous industries including mining and forestry.

Goughs have a comprehensive recruitment process. The new apprentices passed tests in numeric, verbal, practical and mechanical skills, and completed group exercises to assess their team work and leadership potential. They all showed the drive to study and learn skills on the job,

and are completing a National Certificate in Automotive Heavy Engineering (Plant and Equipment) through MITO.

The apprentices had a week-long induction programme in Christchurch in late February. Sessions included health and safety, business practices and licensing for operating machinery such as forklifts. Gough Group Chief Executive Officer Karl Smith personally welcomed the apprentices to the company.

MITO also supported the induction with Christchurch-based Industry Training Advisor, Garry Kilday, and Regional Manager, Mark Gebbie, meeting the apprentices and providing an overview of their study programme.

Adam Lyon, a former MITO apprentice, and now Training Manager at Goughs Institute of Training emphasises that training is highly valued in the company.

“The induction programme is beneficial to the apprentices as it allows them to meet other apprentices, train with them and also get to know how Goughs operates as a business.”

Adam has been employed in technical roles and also in service training management for Goughs in Australia and the United Kingdom. On his return to New Zealand he sought out a role with Goughs. He now facilitates the training programmes and enjoys seeing staff work through their apprenticeships. He encourages them to go further with their careers and to access opportunities through Goughs’ operations within New Zealand and Australia. 🌐

MITO apprentices on board with Gough Gough and Hamer (Investments) Ltd during their induction week in Christchurch.





Rob Braun Managing Director of Main AutoCentre in Penrose.

EMPLOYERS PROFILE

Culture of achievement helps business flourish

Ever since he bought his own business five years ago, Rob Braun has continually employed MITO apprentices – and usually two at a time.

The Managing Director of Main AutoCentre in Penrose, Auckland, is a firm believer in training. “I think it’s important to have a culture of achievement – to give young people something to aspire to and to help them reach the skill levels of their more experienced peers.

“I also want to build my reputation as an employer who’s committed to employee development – ensuring that my team have the skills to do well wherever they go.”

Rob is proud of having transformed an ailing workshop into a flourishing enterprise with 19 employees. Once a small collision repair business, Main AutoCentre is now a one-stop automotive service centre,


providing repair, refurbishment, maintenance and warrant of fitness services for vehicles and fleets throughout the area.

Having started out as an apprentice himself, and made his way to dealer principal of a multi-franchise new and used car dealership, Rob understands the importance of ongoing learning. He also understands how much value apprenticeships can bring to a business.

“Having a training structure is a great way to measure people’s progress in gaining new knowledge and skills – and a National Certificate is an excellent assurance of competence,” he says. “In addition, apprenticeship opportunities such as off-job training introduce new skills that can be passed on to others. We often get ideas that help to identify ways to improve our systems or get more efficient in how we work.”

Rob currently has three MITO trainees – two are about to complete their MITO qualifications in First Line Management (with sponsorship from State Insurance), and the other is enrolled in ATech®, MITO’s advanced technical training programme.

Rob says MITO programmes offer a number of benefits: including enabling his employees to advance their careers in management.

“By understanding more about how our business works, they also have a much greater willingness to help us succeed.” 



I also want to build my reputation as an employer who’s committed to employee development.

Rob Braun

Literacy and numeracy – the key to success!

Literacy and numeracy skills are important for our everyday life, including our work and learning.


We know that workplaces are becoming increasingly complex. The motor industry is a fast changing environment, increasing the literacy and numeracy demands placed on employees. This year, MITO's team of Industry Training Advisors will be working hard to ensure our learners are well equipped with skills and strategies to complete their training programme.

All learners will have their literacy and numeracy skills assessed online before they enrol in a MITO training programme. This is part of MITO's new enrolment process. Learners cannot 'pass' or 'fail' these assessments – and it's okay to get questions wrong. Many people do.

The results will provide us with valuable insight into learners' literacy and numeracy strengths and weakness. If we find that a learner's skills could be improved, we will work with them to ensure they receive appropriate assistance and support.

For some learners this could mean we enrol them in our Foundation Skills programme before we enrol them in a higher level programme. We might also arrange for special tutorial assistance from Literacy Aotearoa.

Ensuring our learners are supported to develop their literacy and numeracy skills means they can confidently and quickly complete their training programme and progress their career in the motor industry.

For more information about the literacy and numeracy assessments, or about the assistance we provide, please visit the MITO website, contact your Industry Training Advisor or call 0800 88 21 21. 



MITO's Industry Training Advisors.

MARCH, APRIL, MAY EXPOS AND EVENTS

- March 17** Hands on Expo Porirua
- April 15-17** ITM400 Hamilton
- May 18-19** Rotorua Careers Expo



MARCH, APRIL, MAY GRADUATIONS

- March 18** Manawatu
- March 22** Otorohanga
- April 14** New Plymouth
- May 18** Hauraki, Thames-Coromandel
- May 18** Matamata-Piako
- May 25** Waipa District

Kia reinvents the van for party people


The following article was featured in the Gizmag Emerging Technology Magazine January 2011 at www.gizmag.com – By Noel McKeegan

Park it somewhere picturesque, unbolt the wheels, dispense with the dash and Kia's KV7 Concept Van would become a comfy little lounge-room retreat ... throw in a decent coffee machine and I'd move in. Unveiled at the 2011 Detroit Auto Show, the KV7 was developed by Kia's Southern California design team as a re-think of the segment that attempts to go beyond the notion of a van as simply an A-to-B family troop carrier. The design influences of Kia's recent offering like the Soul is clear, but what really grabs you about the KV7 is the interior – floating tabletop touch-screen computer display, four swivelling single-seats plus a three-seater corner mini-lounge, clever storage compartments, Wi-Fi connectivity and what every lounge-room needs, a grand entrance courtesy of a long gull-wing door and pillar-less front door on the passenger side.

The KV7 is a deliberate move away from the angled fronts and heavily raked windscreens that have become commonplace in the minivan segment in recent times according to Kia.

"From the outset, we felt the category was in need of an honest reassessment due to the fact that everyone seems so desperate to attach the word 'sporty' to their minivan, even though vans, at their very core are simply a box," said Tom Kearns, chief designer, Kia Motors America.

Under the KV7's bonnet is Kia's new Theta II 2.0-litre GDI turbocharged engine mated to a six-speed automatic transmission which puts out 285 horsepower and can get better than 30 miles per gallon on the highway according to Kia.

Aside from the sociable seating configuration (even the driver's seat swivels), the KV7 has a moving dash that shifts six-inches toward the driver when it's needed, a Wi-Fi connected tabletop touch-screen computer interface in the rear and a track-ball operated display in the front for access to climate control and infotainment systems. The interior decor is notable for the use of reclaimed teak wood flooring and sustainable wool and felt materials. 





INTERNATIONAL FLAVOUR

Sunswift IVy claims record for world's fastest solar-powered car

The following article was featured in the **Gizmag Emerging Technology Magazine** January 2011 at www.gizmag.com
– By Darren Quick

With a speed of 88.738 km/h (55.077 mph), the University of New South Wales' (UNSW) Sunswift IVy has claimed the Guinness World Record for the fastest solar-powered vehicle. The record-beating run took place on January 7 at HMAS Albatross navy base airstrip in Nowra, Australia, and outdid the previous record-holder by more than 10 km/h (6.2 mph).

Designed and built by UNSW students, Sunswift IVy is a three-wheeled vehicle with a monocoque carbon fiber body, brushless CSIRO 3 phase DC 1800 W motor, solar array producing about 1200 W (the same it takes to run a toaster) and, usually, a 24.75 kg (55.56 lb) lithium ion polymer battery pack. However, as the milestone is for cars powered exclusively by silicon solar

cells, the battery was removed for the record attempt.


While students usually drive the car, the record-breaking run was piloted by professional racing driver Barton Mawer and Craig Davis, from electric car company Tesla's European operations.

The record-beating run took place at 10.32 am. The team wasn't expecting to get peak sun until noon and therefore wasn't expecting to break the record so early in the day.

Although the team says they believe they can get the record to over 90 km/h (55.9 mph), they weren't able to improve on the time in subsequent runs. The arrival of rain at 1.30 pm then prevented any further attempts.

After breaking the record, Mawer said the car handled reasonably well, "although I think I gave the team a bit of a scare when I got up on two wheels on the turn."

Adjudicators from The Guinness World Book of Records were on hand to witness the record-breaking run and have already officially recognised the new record and handed over a certificate. The previous record of 78 km/h (48.5 mph) was set by the GM Sunraycer in 1987.

This isn't the first time the UNSW's Sunswift IVy has tasted success. It also competed in the 3,000 km (1,864 mile) Global Green Challenge race from Darwin to Adelaide in 2009, winning its category. 



I think I gave the team a bit of a scare when I got up on two wheels on the turn..

Barton Mawer

Get a head

start

with a great business advantage...



...and influence the next generation of automotive technicians.

StartUp[®] is MITO's automotive training programme for secondary school students. Train someone in your workplace at a crucial decision-making stage of their life. Get them started on a successful career path and build your business productivity, profitability and performance.

To find out how to get involved, contact us today.

0800 88 21 21 www.mito.org.nz

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