The APRI is pleased to announce

**Rubber Technology 101 - Brisbane**

A seminar presented by Andrew Knox of Mackay Consolidated Industries.

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**When:**  **Wednesday 27**\(^{th}\)  **August 2014**

**Time:**  9:30am

**Where:**  PARTEC  
1030 Cavendish Road  
Mt Gravatt, 4122, QLD.

**Cost:**  $40pp APRI Members  
$70pp Non-Members (inc. GST)

**Included:**  3 hour seminar with course notes.  
Morning tea and lunch provided.

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Please RSVP by **22**\(^{nd}\)  **August** to:  
Michael Clayton at michael@alliedrubber.com.au  
Phone: 07 3356 7533, Fax: 07 3356 7353

Cheques payable to Australasian Plastics & Rubber Institute or direct deposit to 012-306 Acc # 496142212  
This becomes a tax invoice upon payment.

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APRI - Rubber Technology 101

Who should attend?
People new to the rubber industry, non-technical managers and sales staff.

Seminar Outline
This 3 hour introduction to Rubber Technology will cover the following topics:

Part 1 – What is Rubber?
- Where is Rubber used?
- Polymer types; Plastics, Resins, Elastomers and TPEs
- Latex & Dry rubber
- General Purpose & Specialty rubbers

Part 2 – What is a Recipe (Formulation)?
- Overview of Ingredients and their Function.
- Importance of the recipe for Processing and Properties.
- The basics of cross-linking chemistry & methods

Part 3 – How are Rubber Products Manufactured?
- Mixing of rubber compound
- Mixed rubber compound testing
- Product forming processes
- Product and Application testing

Presenter
Andrew Knox is the Laboratory Manager at Mackay Consolidated Industries and is a Rubber Technologist with over 15 years of experience in the rubber industry. He first worked for Pacific Elastomers; a compounding for conveyor belts and general industrial rubber goods. After a move to New Zealand he worked for Bridgestone at their new tire plant in Christchurch and was responsible for the raw material, mixed compound and in-process testing laboratory. Andrew has a Bachelor degree in Chemistry and is a member of the American Chemical Society (ACS) and the Australasian Rubber and Plastics Institute (APRI).