



RPF

November 2008

MTC COURSE FEEDBACK AND OTHER RELATED MATTERS

Overview of presentation

- MTC courses available
- Philosophy and approach
- Course summary
- Attendees profiles
- Accreditation process
- SAQA, CETA
- SANAS & NLA
- Other courses required
- The way forward

MTC Courses available

- Sampling (3 days)
 - Soils & gravels, aggregates, concrete, bituminous products & asphalt
- Soils & gravels (5 days)
- Aggregates (4 days) - road and concrete stone
- Concrete (5 days) - presented by CnCI
- Bituminous products (4 days)
 - Pen bit, emulsions, cutbacks & PMB
- Asphalt (4 days)

- Nuclear gauge course (5 days)

Philosophy and approach

- 3 centres at present
 - PTA, Gautrans lab
 - KZN T² centre, Pietermaritzburg
 - WC Provincial Lab, Chiappini Street
- Additional centres
 - EC, East London (kicking off end Nov 08)
 - Bloemfontein – mid 2009

Philosophy & approach

- 1 course per 3 months per centre
 - Time to reflect on training by attendee
 - Practice methods
 - More economical for employers
 - 4 course max per attendee per year
- All 6 course = 20 month turnaround
- Courses limited to 15 delegates
 - due to hands on practical approach
 - Laboratory safety aspects
 - Costing implications

Course summaries

- Sampling, soils & gravels, aggregates presented in all 3 centres since Feb 2008
 - 1st Concrete module run in PTA last week
 - KZN & CT to follow Nov 08 & Feb 09
 - Bitumen Feb, Mar, Apr 09
 - Asphalt May, Jun, Jul 09
- Cycle to be repeated again
- All courses have been well received
- Well attended with some oversubscribed
 - Register early to so as not to be disappointed

Attendees profiles

- Lab managers, diploma students, lab testers, SABS personnel, quarry personnel, suppliers, manufacturers, consultants and contractors
- Average level of attendees still quite high
- Not as many testers on courses as expected
- Cross pollination of varying experience beneficial
- Increased awareness vs learning a new skill
- Transporters also need input
 - re effects of loading and dumping

Process for individual CETA accreditation/unit

standards

- Theory component covered on course
- Practical exposure to testing when back in lab
 - Mentoring required while still practicing – NB!!
 - Follow matrix requirements for number of tests conducted
- Request for assessment by individual
 - Within 18 months
- Date set for assessment
 - Tests to be assessed agreed to beforehand
 - Theory component tested
 - Practical on actual test methods observed
- Allowed 1 repeat assessment
 - re-attending theoretical course component again

SAQA

- Revised unit standards and qualifications still with SAQA
- Some minor changes are required to of the unit standards
- Process needs to be driven to completion

CETA



5.wm

CETA accreditation

- All courses aligned to CETA requirements
- Using CSIR as the accredited training provider
- Unit standards to be added to their basket of courses/unit standards they may present
- All course materials programmed to be accredited by Jul 09.
 - Once all courses presented in all centres
- MTC qualification to follow shortly

NLA & SANAS

**CIVIL AND ROAD ENGINEERING LABORATORIES
USER GROUP MEETING
INVITATION**

An invitation is extended to all Civil and Road Engineering laboratory personnel, as well as interested parties to attend an NLA User Group Meeting to be held on Tuesday 26th August, 2008.

Venue: Misty Hills Conference Center - Muldersdrift
Time: 17h00 - 18h00

This meeting will take place during the NLA's Test & Measurement 2008 Conference and the agenda will address:

- The NLA's vision & goals and formation of sub-committees
- A proposal for PT in roads industry laboratories
- A proposed Personnel Registration Scheme for Materials Testers
- A call for committee members to kick start/discuss & formulate the way forward

There is **NO CHARGE** for attendance at this meeting and it will be followed by sponsored cocktails.



- Attended NLA conference 25 – 27 Aug
- Proposal by NLA to assist in PT for roads industry
 - Rod Damuis initiated the process
- NLA has structures in place
- Discussions presently underway for presentation at next RPF

Other courses requiring attention

- Plenty...
 - Train the trainer
 - Result analysis – NB!!
 - Operator courses
 - Pavers, distributors, rollers.
 - Patching course
 - More basic skills courses
 - etc, etc, etc

The way forward

- Branching out into Eastern Cape & Bloem (?)
- Looking for assistance from trained facilitators, assessors, moderators (seriously lacking capacity!!!)
 - Gauteng / Bloem region from July 09
 - KZN region from July 09
- Course content to be revised / updated as & when required
- RPL for those that have attended the courses already
- CETA accreditation programmed for July 2009 for unit standards courses
- CETA MTC qualification to follow shortly thereafter
- Nuclear gauge unit standard to be developed

Thankx!



**Hopefully this
has shed some
light on the
subject**