

**Technical Seminar for Construction
Supervision, Testing,
Pre – Commissioning and
Commissioning
On Gas Transmission Pipelines**

PROGRAMME

Tuesday, 1st October 2013

1st SESSION

1. General Principles for Construction Supervision
2. Organization of Construction supervision, testing, commissioning and start up

2nd SESSION

3. Project Communication Procedures – Electronic Platforms Review
Procedures – Document Approval Forms (DAF)
4. The Construction Process

3rd SESSION

5. The Environmental and Social issues in pipeline project

Wednesday 2nd October 2013

1st SESSION

6. Health and Safety Management System
7. Row Management (Legislation - Procedures)

2nd SESSION

8. Applicable Codes and Standards - Project Specifications
9. QA / QC system - Construction Procedures

3rd SESSION

10. Material Approvals - Material Certification
11. Valve Assemblies – Strength / Tightness tests

Thursday, 3rd October 2013

Site Visit

Friday 04th October 2013

1st SESSION

12. NDT – Procedures – NDT technologies, Equipment Hydro testing – Procedures, Hydro Testing Equipment
13. Standard procedures for pre – commissioning and commissioning activities – Equipment, Standard forms for testing, pre – commissioning and commissioning

2nd SESSION

14. Final Document Packages (FDPs) - Review and Approvals
15. Examples and Practical Problems Solving

3rd SESSION

General Discussion