Short Courses – Construction Supervision

Compaction & Soil Stabilisation Techniques for Supervisors

PURPOSE
This short course is directed towards Supervisors to equip the learner with knowledge and skills regarding the importance of compaction and soil stabilisation techniques of soils.

- Theory of Compaction
- Soil characteristics
- Sampling Techniques
- Properties of cement & Lime
- Compaction Plant & Machinery
- Stabilisation Layer Preparation
- Application Methods
- Watering Techniques
- Compaction Methods
- Curing & Control
- Selection and use of Rollers
- Maintenance Considerations
- Drainage in the Protection of Compacted Fills
- Compaction Problems
- Difficult Soils
- Safety