

Advanced Sample Preparation – Coal

Mastering Top Size Calculations to Eliminate Bias and Ensure Audit-Ready Results.



Why This Training Matters

 Precision Through Calculation

 Bias and Error Mitigation

 Audit-Ready Documentation

Elevating Accuracy through Calculated Splits

Key Learning Objectives

- ✓ **Conduct coal sample preparation**, including calculation of split ratios and minimum sample mass based on top size to ensure representative analytical samples.
- ✓ **Conduct advanced coal sample preparation** to produce representative analytical samples suitable for specific test requirements.
- ✓ **Determine appropriate preparation routes** based on coal characteristics, analytical objectives, and top size.
- ✓ **Calculate split ratios according to sample top size** to maintain representativity during crushing and splitting.
- ✓ **Calculate minimum sample mass requirements** at each preparation stage based on top size criteria.
- ✓ **Verify and adjust split calculations** to prevent bias, segregation, or loss of coarse material.

Who Should Attend?

- ✓ Experienced laboratory operators / technicians
- ✓ Senior sample preparation personnel
- ✓ Quality control and technical staff responsible for analytical integrity
- ✓ Supervisors or auditors reviewing preparation compliance

MODE	On-site
PRICE	RFQ
DURATION	3 Days