



RTIO Mass Balance Modelling (using Limn software)

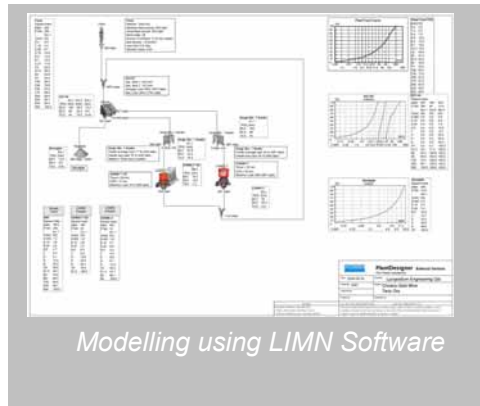
Project Category: New Design Modelling

Client: Rio Tinto Iron Ore Atlantic Limited

Location: Simandou, Guinea, West Africa

Capacity: 10,000 tph

Commodity: Lump, Iron Ore, Sinter Fines
and Pellet Feed



Scope of Work

Ten different Limn flowsheets were developed, incorporating two and three stage crushing, wet de-sliming and combinations of different products. The flowsheets included scoping study level of accuracy and level mass balances. Model Users Manual was also supplied as a deliverable.

Notable Feature

The flowsheets adopted unit processing models as defined by the client, and were mass balanced for comparison of product rate generation.

Outcome

Delivery of working mass balance models to allow scenario analysis for optimal circuit configuration selection.