|  |
| --- |
| **RTI SALES CHANNEL INFO** |
| RTI Sales Eng./Agency Name |       | 1)Date/Version |       |
| **COMPANY DETAILS** |
| 2) Company Name |       |
| 3) Site Name  |       |
| 4) Site Location / Address |       |
| 5 Contact Name |       |
| 6) Email Address |       | 7) Phone Number |       |
| **MATERIAL INFORMATION** |
| 8) General description of the purpose for which the analyser will be used:  |
| 9) Material to be Analysed: Coal: Phosphate: Guano: Uranium Ore: Other: Specify Other:  |
| 10) Process Status of Material being Conveyed: ROM (Run-of-Mine): [ ]  Crushed and sized: [ ]  Washed Product: [ ]  |
| 11) Conveyer Location (e.g. CHPP Feed, Rejects, TLO etc.)       |
| 12) Multi-Seam Operation? | Yes: [ ]  No: [ ]  Seam Type:  | 13) If Yes, are seams blended? Yes: No:  |
| Conveyor / Material Properties | **Min (operating Min - not zero)** | **Nominal** | **Max** |
| 14) Primary Variable of Interest % |       |       |       |
| 15) Second Variable of Interest % |       |       |       |
| 16) Ash % (if coal) |       |       |       |
| 17 Burden Depth (mm) |       |       |       |
| 18) Particle Size (mm) |       |       |       |
| 19) TPH (tonnes per hour) |       |       |       |
| 20) Belt Loading - Kgs per metre |       |       |       |
| 21) % Fe (Iron) in Ash |       |       |       |
| 22) % Ca (Calcium) in Ash |       |       |       |
| 23) Moisture Analysis Required? | Yes: [ ]  No: [ ]  *(If “Yes” request a quotation for a MoistScan Microwave Moisture Analyser )* |
| **POWER** |
| 24) Supply Voltage available | 240VAC: [ ]  115VAC: [ ]  Other: [ ]  Specify Other Voltage:  |
| 25) Supply Frequency | 50Hz: [ ]  60Hz: [ ]  | 26) Is power regulated?  | Yes: [ ]  No: [ ]  |
| **CONVEYOR DETAILS** | **Please provide photographs and drawings of conveyer and indicate the proposed location of the Analyser** |
| 27) Belt ID/Name |       | O:\Sales Material & Quotation Resources\APPLICATION DATA SHEETS\Ash & Elemental\Conveyor Cross Section Diagrams\Conveyor Cross Sectional View w (R1 & R2).jpgC:\Users\adrian\Pictures\Plan of Conveyor Structure.png |
| 28) Belt Speed (m/sec) |       |  |
| 29) Belt Width, Flat (A) |       |  |
| 30) Roller Diameter (B) |       |  |
| 31) Distance Across Roller Tips (C) |       |  |
| 32) Idler Trough Angle (D) |       |  |
| 33) Max Material Depth (E) |       |  |
| 34) Top of Centre Roller to Top of Stringer (F) |       |  |
| 35) Roller Tip to Top of Stringer (G) |       |  |
| 36) Distance between Return Belt & Top of Conveyor Stringer (H) |       |  |
| 37) Inside – Inside of Stringer (I) |       |  |
| 38) Idler Hole Centres, Across conveyor (J) |       |  |
| 39) Outside to Outside of Stringer Beams(K) |       |  |
| 40) Idler Pitch (L) |       |  |
| 41) Stringer to Nearest Existing Structure (M) |       |  |
| 42) Stringer Leg Pitch (N) |       |  |
| 43) Stringer Leg Width (O) |       |  |
| 44) Width of Idler Foot (P) |       |  |
| 45) Idler Foot Hole Centres (Q) |       |  |
| 46) Roller Face Length (R) | Centre: (R1) Wing: (R2) |  |
| 47)Type of Idler Frame |  |  |
| 48) Stringer Type, Cross Section 1, 2, 3 or 4 ? | 1: 2: 3: 4: Other:  |  |
| 48a) Other Type, Specify:  |  |
| 49) Desired location of control cabinet,When viewed in the direction of belt travel? | Left Side: [ ] Right Side: [ ]  |  |
| 50) Distance, Detector Cradle Mounting Foot to proposed position of the control cabinet?  |  |  |
| 51) Belt Weigher TPH output available? | Yes: [ ]  No: [ ]  |  |
| 52) Belt Weigher location, relative to proposed analyser location; Upstream or Downstream? | Up: Down: Distance: M |  |
| 53) Rollers per Idler Frame? | 3 Rollers: 5 Rollers: Other:  |  |
| 54) Roller Trough Angles/Arc | Angle 1: | Angle 2: | Radius: |  |
| 55) Can the current conveyer structure support the analyser? (approximately 800 kg over 1.0 m) | Yes: [ ]  No: [ ]  | There are four (4) mounting points for the GammaScan Detector Housing, one at each corner of the Cradle. I.E. Two per conveyor beam, 1 metre apart. Approx. Point Loading of 200 Kg. |
| 56) Conveyor Support Frame Type? | Channel: [ ]  Truss: [ ]  Cable: [ ]  Slider Bed: [ ]  Other: [ ]  |
| 57) Analyser in Hazardous Zone? | Yes: [ ]  No: [ ]  | 58) Hazardous Zone Classification:       |
| 59) Analyser Tag / Label required | Yes: [ ]  No: [ ]  | 60) Position of items that run alongside the conveyor stringers? e.g. water/gas pipe, cable tray, emergency pull cable, etc. |
| Details of items & their location: |
| 61) Is a mechanical Auto Sampler installed on this belt? | Yes: [ ]  No: [ ]  (If “Y” please answer questions below) |
| 62) Type of Sampler | 63) Location of Sampler | 64) Distance from Analyser | 65) Estimated time lag |
|       |       |       metres |       seconds |
| **ENVIRONMENTAL CONDITIONS** |
| 66) Minimum Temp at Analyser location | Degs C | 67) Maximum Temp at Analyser Location | Degs C |
| **COMMUNICATION** |
| 68) №: 3/4G wireless signal bars, best signal on site |  | 69) №: 3/4G wireless signal bars, at Analyser location |  |
| 70) Analyser to Pant Communication Type / Protocol | ModBus over TCP/IP: Ethernet /IP: Serial ProfiBus DP: Other:  |
| Specify Other:  |
| **ADDITIONAL DETAILS REQUIRED**  |
| 71) Where is the analyser to be located? | Above Ground: [ ] Below Ground: [ ]  | Indoors: [ ] Outdoors: [ ]  | Covered belt & walkway: Yes: [ ]  No: [ ] Belt Roofing only: Yes: [ ]  No: [ ]  |
| 72) Are there any obstructions or metal structures beneath the analyser or between Stringers? | Yes: [ ]  No: [ ] Describe Obstruction:  |
| 73) Is the proposed analyser installation location accessible by crane for installation? | Yes: [ ]  No: [ ] Describe Access: |
| 74) Are there any structures that need to be removed before the analyser can be installed? | Yes: [ ]  No: [ ] Provide description: |
| 75) Brand/type/model of plant control system | DetailsPlease: |
| 76) Additional Parameters required? Yes: [ ]  No: [ ]   | SE (Specific Energy): [ ]  Other: [ ]  Specify Other:  |
| 77) Any other relevant information to the Specification of or Quotation of the GammaScan Analyser:  |