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| **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).jpg  C:\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 | | | | | | | | | | | Details  Please: | | | | | | | | | | | | | | | | |
| 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: | | | | | | | | | | | | | | | | | | | | | | | | | | | |