Application Data Sheet

AllScan On-Line Elemental Analyser – Minerals

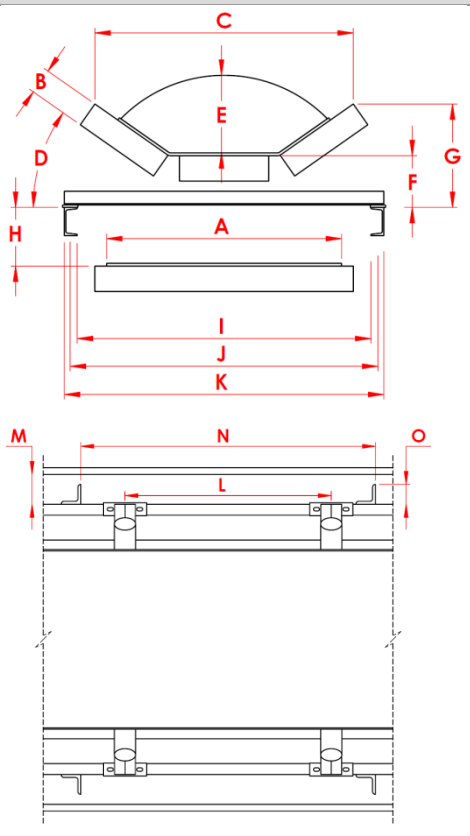
PLEASE COMPLETE ALL FIELDS. LINEAR DIMENSIONS ARE IN MM

COMPANY DETAILS	
1) Company Name	
2) Site Name	
3) Site Location / Address	
4) Contact Name	
5) Email	
6) Phone	
7) Date	

MATERIAL INFORMATION			
8) General description of the purpose for which the analyser will be used):			
9) Type of Ore/Product Conveyed: ☐ ROM (Run-of-Mine) ☐ Crushed and sized ☐ Washed Product ☐ Filter Fines			
10) Conveyer Location (e.g. CHPP Feed, TLO etc.)			
11) Multi-Seam Operation?	☐ Y ☐ N		
	Min (operating - not zero)	**Nominal**	**Max**
12) % Primary Mineral			
13) Moisture %			
14) Burden Depth (mm)			
15) Particle Size (mm)			
16) TPH (tonnes per hour)			
17) % Secondary Mineral			
18) % Tertiary Mineral			
19) Moisture Analysis Required?	☐ Y ☐ N		
19) Elemental Analysis Required?	☐ Y ☐ N (If yes please also complete page 2 of this datasheet)		

POWER			
20) Supply Voltage available	☐ 240VAC ☐ 115VAC	Other	
21) Supply Frequency	☐ 50Hz ☐ 60Hz	Is power regulated?	☐ Y ☐ N

CONVEYOR DETAILS	**Please provide photographs and drawings of conveyer and indicate the proposed location of the Analyser**
22) Belt ID/Name	
23) Belt Speed (m/sec)	
24) Belt Width, Flat (A)	
25) Roller Diameter (B)	
26) Distance Across Roller Tips (C)	
27) Idler Trough Angle (D)	
28) Max Material Depth (E)	
29) Top of Centre Roller to Top of Stringer (F)	
30) Roller Tip to Top of Stringer (G)	
31) Distance between Return Belt & Top of Conveyor Stringer (H)	
32) Inside – Inside of Stringer (I)	
33) Idler Hole Centres (J)	
34) Outside / Outside of Stringer (K)	
35) Idler Pitch (L)	
36) Stringer to Nearest Existing Structure (M)	
37) Stringer Leg Pitch (N)	
38) Stringer Leg Width (O)	



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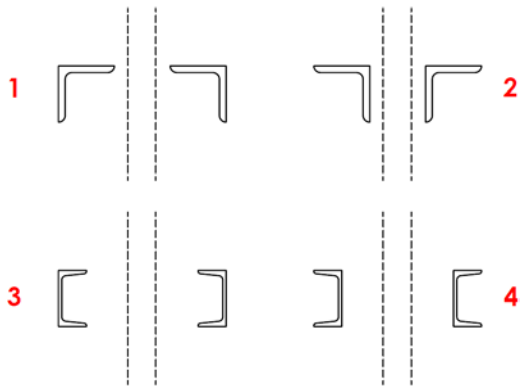
39) Stringer Frame Type (1/2/3/4) Conveyor Support Beam / orientation		
40) Steel Cord Belt	☐ Y ☐ N	
41) Desired location of control cabinet when viewed in direction of belt travel	Left Side ☑ Right Side ☐	
42) Belt Weigher TPH available?	☐ Y ☐ N	
43) Belt Weigher Location, relative to proposed analyser location		
44) Type of Idler Frame		
45) №: of Rollers per Idler Frame		
46) If at multiple trough Angles	>1 ☐ >2 ☐	
47) Can the current conveyer structure support the analyser (approximately 1500 kg over 1.9 m)	☐ Y ☐ N	There are four (4) mounting points for the AllScan, one at each corner of the analyser. Two per conveyor beam, 1.9 metres apart.



48) Conveyor Support Frame Type ☐ Channel ☐ Truss ☐ Cable ☐ Slider Bed Other

49) Analyser in Hazardous Zone? ☐ Y ☐ N	50) Hazardous Zone Classification
51) Position of items that run alongside the conveyor stringers? e.g. water/gas pipe, cable tray, emergency pull cable, etc.	
52) Is a mechanical Auto Sampler installed on this belt?	☐ Y ☐ N (If "Y" please answer questions below)

53) Type of Sampler	54) Location of Sampler	55) Distance from Analyser metres	56) Estimated time lag seconds

ADDITIONAL DETAILS REQUIRED FOR ELEMENTAL ANALYSER

COMPLETE THIS SECTION **ONLY** IF YOU ANSWERED "**YES**" to QUESTION 19) "**Elemental Analysis Required?**"

57) Where is the analyser to be located?	☐ Below Ground ☐ Above Ground	☐ Indoors ☐ Outdoors	☐ Covered belt and walkway ☐ Belt Roofing only
58) Are there any obstructions or metal structures beneath the analyser or between Stringers?	☐ Y ☐ N Describe		
59) Is the proposed analyser location accessible by crane for installation?	☐ Y ☐ N		
60) Will people have access beneath analyser location? If Yes how close to the bottom of the conveyer	☐ Y ☐ N distance in m		
61) Is there any structure that needs to be removed for the analyser to be installed?	☐ Y ☐ N		
62) Is the Belt a FRAS belt? (Fire Resistant, Anti-Static) If "Yes" please provide %chlorine (Cl) in belt material	☐ Y ☐ N %Cl		

MATERIAL INFORMATION

63) Elements required to be Analysed * Nominal % of Element in conveyed material								
** e.g. Sulphur (S) Iron (Fe) Calcium (Ca)*	*Titanium (Ti)*	*Aluminium (Al)*	*Potassium (K)*	*Silicon (Si)*				

64) Additional Parameter's required ☐ SE (Specific Energy) ☐ Volatiles

RADIATION INFORMATION

65) Does site have a license for Cf-252 radiation source? (If yes please attach all relevant information)	☐ Y ☐ N
66) Does the company have an RSO (Radiation Safety Officer)? (Please attach all relevant information)	☐ Y ☐ N

67) Any other relevant information to the Specification / Quotation of the AllScan Analyser:

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