

COMPANY DETAILS			
Company Name			
Site Name & Location			
Contact Name			
Email			
Phone			
Date			
MATERIAL INFORMATION			
General description of the purpose for which the analyser will be used:			
Coal Conveyed: ROM (Run-of-Mine) <input type="checkbox"/> Crushed and sized <input type="checkbox"/> Washed Product <input type="checkbox"/>			
Conveyer Location (eg CHPP Feed, TLO etc.)			
Multi-Seam Operation?	Y <input type="checkbox"/> N <input type="checkbox"/>		
	Min (operating - not zero)	Nominal	Max
Ash %			
Moisture %			
Burden Depth (mm)			
Particle Size (mm)			
TPH (tonnes per hour)			
% Fe (Iron) in Ash			
% Ca (Calcium) in Ash			
Moisture Analysis required ?	Y <input type="checkbox"/> N <input type="checkbox"/>		
Elemental Analysis Required ?	Y <input type="checkbox"/> N <input type="checkbox"/> (If yes please also complete page 2 of this datasheet)		
POWER			
Supply Voltage available	240VAC <input type="checkbox"/>	115VAC <input type="checkbox"/>	Other? <input type="checkbox"/>
Supply Frequency	50Hz <input type="checkbox"/>	60Hz <input type="checkbox"/>	Is power regulated? Y <input type="checkbox"/> N <input type="checkbox"/>
CONVEYOR DETAILS			
Please provide photographs and drawings of conveyor and indicate the proposed location of the Analyser			
Belt ID/Name			
Belt Speed (m/sec)			
Belt Width (A)			
Trough Idler Angle (B)			
Belt Rise (Z)			
Idler Spacing (C)			
Idler Diameter (D)			
Steel Cord Belt	Y <input type="checkbox"/> N <input type="checkbox"/>		
Outside Stringer Width (E)			
Inside Stringer Width (F)			
Distance between return belt & bottom of carrying belt (H)			
Distance between top of conveyor frame & bottom of carrying belt (I)			
Belt Sag under load (J)			
Do flanges point like X or Y in diagram right?	X <input type="checkbox"/> Y <input type="checkbox"/>		
Desired location of control unit when viewed in direction of belt travel	Conveyor Left Side <input type="checkbox"/> Conveyor Right Side <input type="checkbox"/>		
Belt weigher TPH available?	Y <input type="checkbox"/> N <input type="checkbox"/>		
Conveyor Support Frame Type	Channel <input type="checkbox"/> Truss <input type="checkbox"/> Cable <input type="checkbox"/> Slider Bed <input type="checkbox"/> Other? <input type="checkbox"/>		
Location in Explosives Area?	Y <input type="checkbox"/> N <input type="checkbox"/>	Classification	
Is a sampler installed to sample the material on this belt?	Y <input type="checkbox"/> N <input type="checkbox"/> (if "Y" please answer questions below)		
Type of Sampler	Location of Sampler	Distance from Analyser	Estimated time lag

ADDITIONAL DETAILS REQUIRED FOR ELEMENTAL ANALYSER			
COMPLETE THIS SECTION ONLY IF YOU ANSWERED "YES" to "Elemental Analysis Required ?"			
Where is the analyser to be located?	Below Ground <input type="checkbox"/>	Indoors <input type="checkbox"/>	Covered belt and walkway <input type="checkbox"/>
	Above Ground <input type="checkbox"/>	Outdoors <input type="checkbox"/>	Belt Roofing only <input type="checkbox"/>
What is the composition of the ground beneath the analyser?			
Are there any obstructions or metal structures beneath the analyser or between Stringers?	Y <input type="checkbox"/>	N <input type="checkbox"/>	Describe
Can the current conveyer structure support the weight of the analyser (approximately 1500 kg)	Y <input type="checkbox"/>	N <input type="checkbox"/>	
Is the desired location accessible by crane for installation?	Y <input type="checkbox"/>	N <input type="checkbox"/>	
Will people have access beneath analyser location? If Yes how close to the bottom of the conveyer	Y <input type="checkbox"/>	N <input type="checkbox"/>	distance in m
Is there any structure that needs to be removed for the analyser to be installed?	Y <input type="checkbox"/>	N <input type="checkbox"/>	
Is the Belt a FRAS belt? If "Yes" please provide %chlorine (Cl) in belt material	Y <input type="checkbox"/>	N <input type="checkbox"/>	%Cl
MATERIAL INFORMATION			
Elements required to be Analysed *			
Nominal % of Element in conveyed material			
<i>* eg Sulfur (S) Iron (Fe) Calcium (Ca) Titanium (Ti)</i>	<i>Aluminium (Al)</i>	<i>Potassium (K),</i>	<i>Silicon (Si)</i>
Additional Parameter's required	SE (Specific Energy) <input type="checkbox"/>	Volatiles <input type="checkbox"/>	
RADIATION INFORMATION			
Does site have a license for Cf-252 radiation source? (If yes please attach all relevant information)	Y <input type="checkbox"/>	N <input type="checkbox"/>	
Does the company have an RSO (Radiation Safety Officer)? (If yes please attach all relevant information)	Y <input type="checkbox"/>	N <input type="checkbox"/>	
Other Information:			