The Institute of Materials Handling

Client logo

Data sheet Belt weigher

Project name	Document no.
Project no.	Revision no.
Tag no.	P&ID no.
Tag description	Status

	Originator	Date	Checked by	Date
Process				
Mechanical				
Electrical				
	Approved by	**Date**	**Professional registration no.**	
Client (if applicable)				
Lead engineer				

General information

Corrosion protection	Reference drawing no.
Engineering specifications	Service
Installation	

Remarks

Site

Altitude(AMSL)	m	Location		
Ambient temperature maximum	°C	Rainfall		mm/y
Ambient temperature minimum	°C	Wind velocity		km/h
Barometric pressure	kPa	Humidity		%
Underground atmospheric classification		Class	Division	

Process

Feed material data

Material handled		Particle size maximum	mm
Material shape		Bulk density	kg/m^3
Moisture content	%	Angle of repose	degree
Flow rate minimum	tph	Angle of surcharge	degree
Flow rate normal	tph	Operating days per annum	d
Flow rate maximum	tph	Operating hours per day	h
Temperature maximum	^oC	Weighing accuracy better than	%

Material characteristics

Abrasive	yes/no	Friable	yes/no
Adhesive	yes/no	Granular	yes/no
Combustible	yes/no	Hygroscopic	yes/no
Corrosive	yes/no	Pellitised	yes/no
Dusty	yes/no	Powdered	yes/no
Explosive	yes/no	Sticky	yes/no
Fibrous	yes/no	Toxic	yes/no
Flowability	g/free flowing/average f		

The Institute of Materials Handling

Client logo

Data sheet Belt weigher

Project name	Document no.
Project no.	Revision no.
Tag no.	P&ID no.
Tag description	Status

Mechanical

General design information			
Conveyor tag number			
Weigher location			
Refer to instrumentation datasheet for more information	yes/no		
Information to be supplied by vendor			
Weigher data			
Type of weigher			

Shipping & installation

Information to be supplied by vendor shipping and installation			
Heaviest lift	kg	Overall height	mm
Heaviest maintenance lift	kg	Overall length	mm
Weight driver	kg	Overall width	mm
Maximum foundation loading	kg	Total shipping weight	kg
Net weight	kg	Total shipping volume	m^3
Operating weight	kg		

Underground dimensions

Underground applicable		Cage length	mm
Headroom available	mm	Cage width	mm