Master Training Program on Water (Water Supply, In-house Processing, End-of-Pipe) in Textile and Garment factories

<u>Day 3: Plant Visit</u>

Data to be Collected

		Unit	2021	2020	2019	
1.0	**Production**					
1.1	Production Capacity/month or year	Tons				
1.2	Production/month or year	Tons				
1.3	No of batches/month					
2.0	**Water Consumption**					
2.1	Raw water	m3				
2.2	Soft water	m3				
2.3	Dyehouse water	m3				
2.4	Process water	m3				
2.5	Wastewater	m3				
2.6	Domestic	m3				
2.7	Others	m3				
3.0	**Water Balance diagram**	Draw the diagram from above data				
3.0	**Water KPIs**					
3.1	Raw water	L/Kg				
3.1	Soft water	L/Kg				
3.1	Dyehouse water	L/Kg				
3.1	Process water	L/Kg				
3.1	Wastewater	L/Kg				
4.0	**RFT%**					
4.1	Lab to Bulk					
4.2	Bulk to Bulk					
5.0	**Colour**		Light	Medium	Dark	Black or Navy
5.1	%					
5.2	Process water KPIs					
5.3	Liquor ratio in dyeing					
5.4	Average No of washes/rinsing					
5.5	Liquor ratio in washing/rinsing					
5.6	Lab to Bulk RFT					
5.7	Bulk to Bulk RFT					
5.8	Average production hours/batch					
6.0	**Machine**					
6.1	Machine type/name/brand					
6.2	Loading Capacity					
6.3	Liquor ratio					
7.0	**Flowmeter**					
7.1	Area (write side by side)					
7.2	How many					
7.3	Type (e.g. mechancal)					
7.4	In operation	Yes/No				