

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

Day 3: Plant Visit

Data to be Collected

		Unit	2021	2020	2019	
<b>1.0</b>	<b>Production</b>					
1.1	Production Capacity/month or year	Tons				
1.2	Production/month or year	Tons				
1.3	No of batches/month					
<b>2.0</b>	<b>Water Consumption</b>					
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				
<b>3.0</b>	<b>Water Balance diagram</b>	Draw the diagram from above data				
3.0	<b>Water KPIs</b>					
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				
<b>4.0</b>	<b>RFT%</b>					
4.1	Lab to Bulk					
4.2	Bulk to Bulk					
<b>5.0</b>	<b>Colour</b>		<b>Light</b>	<b>Medium</b>	<b>Dark</b>	<b>Black or Navy</b>
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					
<b>6.0</b>	<b>Machine</b>					
6.1	Machine type/name/brand					
6.2	Loading Capacity					
6.3	Liquor ratio					
<b>7.0</b>	<b>Flowmeter</b>					
7.1	Area (write side by side)					
7.2	How many					
7.3	Type (e.g. mechanical)					
7.4	In operation	Yes/No				