

Top Glove, Top Quality, Top Efficiency,  
Good Health, Safety First & Be Honest.  
**IETS F \_\_\_\_ EQUIPMENT CHECKLIST**

Date: \_\_\_\_\_

NO	LOCATION/ ITEM & DESCRIPTION	DIMENSION & CAPACITY	QUANTITY	OUM	CONDITION		REMARKS	VERIFIED BY
					OK	NOT OK		
<b>1</b>	<b>COLLECTION PIT</b>							
	a. NS 100	40-60m <sup>3</sup> /hr		Unit				
	b. Digital Flowrate meter	3" Diameter		Unit				
	c. Air Distribution piping System			Set				
	d. Piping System (PVC)							
<b>2</b>	<b>CHEMICAL PREPARATION</b>							
	a. Motor			Unit				
	i- _____rpm	_____ HP		Unit				
	ii- _____rpm	_____ HP		Unit				
	b. Stirrer			Unit				
	c. Dosing Pump	_____ HP		Unit				
	d. Chemical Diaphragm Pump			Unit				
	e. Piping System (PVC)							
	f. Air Supply Piping System			Point				
<b>3</b>	<b>CHEMICAL MIXING TANK</b>							
	a. Chemical Mixing Tank	i) ____mL x ____mWx ____mH		Unit				
		ii) ____mL x ____mWx ____mH		Unit				
	b. Motor			Unit				
	i- _____rpm	_____ HP		Unit				
	ii- _____rpm	_____ HP		Unit				
	c. Stirrer			Unit				
	d. pH Meter Set							
	i- pH Meter Screen			Set				
	ii- pH Meter Sensor			Set				
	e. Piping System (PVC)							
<b>4</b>	<b>PRIMARY CLARIFIER TANK</b>							
	a. FRP Primary Clarifier Tank	i) ____mL x ____mW x ____mH		Unit				
		ii) ____mL x ____mW x ____mH		Unit				
	b. Inclined Plates	44 plates/ unit		Set				
	c. Piping System (PVC)							

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<b>5</b>	<b>AERATION TANK</b>							
	a. Air Diffuser System			Set				
	b. Air Blower System	____ m3/hr @ ____ psi		Set				
	c. Air Blower Piping System			Set				
	d. NS 100 Pump	40m³/hr – 60 m³/hr		Unit				
	e. Check Valve Filter			Unit				
	f. Float Switch			Unit				
	g. Piping System (PVC)							
<b>6</b>	<b>SECONDARY CLARIFIER TANK</b>							
	a. FRP Secondary Clarifier Tank	i) <u>2.5</u> mL x <u>1.5</u> mW x <u>3.2</u> m H		Unit				
		ii) ii) ____mL x ____mW x ____mH		Unit				
	b. Inclined Plates	44 plates/ unit		Set				
	c. Piping System							
<b>7</b>	<b>BUFFER TANK</b>							
	a. FRP Buffer Tanks			Unit				
	b. Float Switch			Unit				
	c. Piping System (PVC)							
<b>8</b>	<b>CARBON FITLER</b>							
	a. Carbon Filter	i) 20 m3/hr		Unit				
		ii) 15 m3/hr		Unit				
	b. DAB Pump	____ HP		Unit				
		____ HP		Unit				
	c. Piping System							
	i. Frame Structure			Set				
	ii. To Recycle Storage Tank							
	iii. To final discharge point.							
	d. Control Panel			Set				

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<b>9</b>	<b>FINAL DISCHARGE POINT</b>							
	a. Flowrate Meter			Unit				
	b. Piping System							
<b>SLUDGE TREATMENT</b>								
<b>10</b>	<b>SLUDGE HOLDING TANK</b>							
	a. Motor	____HP		Unit				
	b. Stirrer			Unit				
	c. Sludge Feeding Pump to FP			Unit				
	d. Sludge Suction Pump			Unit				
	e. Sludge holding tank.							
<b>11</b>	<b>FILTER PRESS</b>							
	a. Filter Press			Unit				
	i. Plates			Unit				
	ii. Clothes			Unit				
	b. Air Compressor Supply System			Point				
	c. Piping System (GI pipe)							

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