
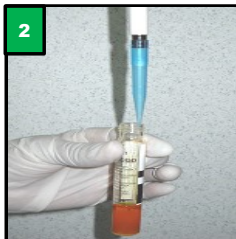



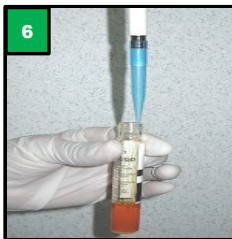




TOP GLOVE SDN. BHD

WORK INSTRUCTION

Industrial Effluent Treatment System Test : COD Test

Purposes/Function/Objective	Procedures				
<p>- To determine chemical oxygen demand (COD) to make sure the quality of water discharge are within DOE standard.</p> <p>Materials/ Chemicals/ Tools/Equipment</p> <p>1) COD cell tubes 2) Pipette 3) Thermoreactor 4) Pico meter</p> <p>Specification</p> <p>- NIL</p> <p>Remark.</p> <p>To handle COD cell carefully due to Mercury content</p> <p>Form/s</p> <p>- NIL</p>					
A) Sample Preparation					
					
Invert the COD cell tube to ensure solution inside mixed well.	Pipette 3ml sample inside COD cell	Set the thermoreactor at 148°C, place COD cell tube in thermoreactor for 2 hours.	Take out the COD cell tube from thermoreactor and invert cell tube.	Cool down the COD cell for 30 minutes	
B) Blank Preparation					
					
Prepare the COD blank by using distilled or deionized water as step 2 and step 3	Put the COD blank into Pico Meter to get zero reading	Put the prepared COD cell and read the COD result in mg/L			
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