



ตารางที่ 14 Oil Analysis Assessment

		Oil Analysis Assessment			Document no.	
					IEC-ASS-11	
Customer :		Job no. :	Location :		Equipment ID. :	
Glow Energy		Contact Glow_01	COCO2 SUB		ABB SUB TR1	
TECHNICAL DATA						
Method :	DGA Analysis (ASTM 3812-02)		Capacity (MVA) :	50		
Unit Number :	ABB SUB TR1		Rated Voltage (kV) :	115/23		
Location :	COCO2 SUB		Year :	1994		
Manufacturer :	ABB		Sampling Point :	Main Tank		
Serial Number :	008107					
Sampled Date		21/12/2010				
Tested Date		5/1/2011				
Component Gas	Criteria (ppm)	ppm				
O2(Oxygen)	N/A	36067				
N2(Nitrogen)	N/A	46885				
CO2(Carbon Dioxide)	<2500	1595				
CO(Carbon Monoxide)	<350	372				
H2(Hydrogen)	<100	4				
CH4(Methane)	<120	3				
C2H2(Acetylene)	<2	ND				
C2H4(Ethylene)	<50	7				
C2H6(Ethane)	<65	1				
C3H6(Propylene)	N/A	17				
C3H8(Propane)	N/A	27				
Total Combustible Gas	720	431				
Temperature (°C)		70				
Test Result	Normal					

ตารางที่ 15 Oil Analysis Assessment

		Oil Analysis Assessment			Document no.	
					IEC-ASS-11	
Customer :		Job no. :	Location :		Equipment ID. :	
Glow Energy		Contact Glow_01	COCO2 SUB		ABB SUB TR2	
TECHNICAL DATA						
Method :	DGA Analysis (ASTM 3812-02)		Capacity (MVA) :	50		
Unit Number :	ABB SUB TR2		Rated Voltage (kV) :	115/23		
Location :	COCO2 SUB		Year :	2008		
Manufacturer :	ABB		Sampling Point :	Main Tank		
Serial Number :	508038					
Sampled Date		21/12/2010				
Tested Date		5/1/2011				
Component Gas	Criteria (ppm)	ppm				
O2(Oxygen)	N/A	36517				
N2(Nitrogen)	N/A	49386				
CO2(Carbon Dioxide)	<2500	1450				
CO(Carbon Monoxide)	<350	689				
H2(Hydrogen)	<100	4				
CH4(Methane)	<120	11				
C2H2(Acetylene)	<2	ND				
C2H4(Ethylene)	<50	6				
C2H6(Ethane)	<65	1				
C3H6(Propylene)	N/A	18				
C3H8(Propane)	N/A	25				
Total Combustible Gas	720	754				
Temperature (°C)		64				
Test Result	Normal					