

Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Summary of Format								
Document No.	QF-RTS-01	Revision No.:	02	Effective Date:		Page	1	of	1

Summary Format
(Substation Wise)

Division: _____

Substation _____

Sl. No. (A)	Format	Equipment	No. of Equipment Installed/in use	No. of formats used
1.	QF-RTS-01	Summary format		
2.	QF-RTS-02	Power Transformer (Nameplate)		
3.	QF-RTS-03	Transformer Oil Test Report		
4.	QF-RTS-04	Circuit Breaker (Nameplate)		
5.	QF-RTS-05	Disconnecting Switch (Nameplate)		
6.	QF-RTS-06	Voltage Transformer (Nameplate)		
7.	QF-RTS-07	Current Transformer (Nameplate)		
8.	QF-RTS-08	Lightning Arrester (Nameplate)		
9.	QF-RTS-09	Battery/Battery Charger (Nameplate)		
10.	QF-RTS-10	Equipment Maintenance history		
11.	QF-RTS-11	Transformer Tan-delta (3 phase)		
12.	QF-RTS-12	Transformer Tan-delta (single phase)		
13.	QF-RTS-13	Instrument Transformer Tan-delta		
14.	QF-RTS-14	Circuit Breaker Timing Test		
15.	QF-RTS-15	Circuit Breaker Contact Resistance Test		
16.	QF-RTS-16	Battery Load Test		

B	<u>Single Line Diagram</u>	
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Comment/Other Information (if any):

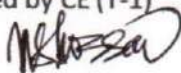
AE/SDE

_____ Substation.

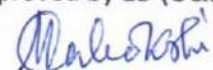
Executive Engineer,

_____ GMD .

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: EQUIPMENT DATA OF GRID SUBSTATION (Transformer)								
Document No.	QF-RTS-02	Revision No.:	02	Effective Date:		Page	1	of	1

Transformer Data of Grid Substation

GC:-		GMD:-	
SUBSTATION:-		STATUS:-	

MVA & Current Rating

Manufacturer	:		Trans. ID	:	
BAY ID	:		Manufac. Year	:	
Serial No.	:		No. of Phase	:	
Standard	:		Wldg. Type	:	
			Frequency	:	50 Hz

Voltage Level

Note

Voltage Level in KV	HV	LV	TV (If)
	134	37	
Note	:		

MVA & Current Rating

Sl. No.		Rating	ONAN	ONAF	FAF
1.	HV/LV	MVA Rating (HT/LT)	50	75	
2.		Ampere Rating (HT/LT)	215.4	323.1	
3.	TV	MVA Rating (HT/LT)			
4.		Ampere Rating (HT/LT)			

Tap Changer

Tap Changer	Manufacturer		Type of Tap Changer	No. of Taps	Nominal Tap No.
			HV	On Load	
			LV	Changer Type	
	Motor Power	:		Driving Type	MOTOR

Impedance

Sl. No.	% Z (HV-LV) & XR Ratio	Nominal Tap	Last Tap
1.	% Z (HV-LV)		
2.	XR Ratio		

BIL (Basic Insulation Level) :

Neutral Grounding

Insulation Level	LIVL	SIWL	PFWL

Neutral Grounding	Impedance Ω

Temperature Rise :

Vector Group

Winding Resistance :

Oil Temperature Rise		DC full winding resistance in Ω	HV	LV	TV (If any)
°C					

Bushing Information :

Bushing Information	Bushing Manufacturer	Year of Manufacturing	Bushing Type	Capacitance	Tan δ

AE/SDE,
Sub-station.

Reviewed by CE (T-1)

[Signature]

Approved by ED (O&M)

[Signature]

Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Transformer Insulating Oil Test Report								
Document No.	QF-RTS-03	Revision No.:	01	Effective Date:		Page	1	of	1

Name of Sub-Station	Capacity & Voltage Level				Date of Sample Collection			
Sample Identity	Year of Manufacturer				Year of Commissioning			
Manufacturer Name	Oil Temp.				Ambient Temp.			
Winding Temp.								

Name of Test: Dissolved Gas Analysis (DGA)

Dissolved Gases	IEEE C57.104 Limits (ppm) (Con-2)	Test Result (ppm)					Test Instrument
		Date-1	Date-2	Date-3	Date-4	Date-5	
Hydrogen (H ₂)	700						
Carbon Di Oxide (CO ₂)	570						
Carbon Monoxide (CO)	4000						
Methane (CH ₄)	400						
Ethane (C ₂ H ₆)	100						
Ethylene (C ₂ H ₄)	100						
Acetylene (C ₂ H ₂)	9						
TDCG	1920						

Name of Test: Moisture Content

IEC 60422 Limit ppm (mg/kg)		Test Result (ppm @20°C)					Test Instrument
New Oil	Old Oil	Date-1	Date-2	Date-3	Date-4	Date-5	
<10	<20						

Name of Test: Di-electric Dissipation Factor (TAN-δ)

Name of Test: Dielectric Dissipation Factor (TAN-δ)												
IEEE C57.106 (Limit@25°C)	Applied voltage	Test Result										Test Instrument
		Date-1		Date-2		Date-3		Date-4		Date-5		
		Cp(pf)	Tan-δ (%)	Cp(pf)	Tan-δ (%)	Cp(pf)	Tan-δ (%)	Cp(pf)	Tan-δ (%)	Cp(pf)	Tan-δ (%)	
New Oil 0.05% Old Oil 0.5%	2 KV											
	3 KV											
	5 KV											

Name of Test: Acidity (Neutralization Number)

IEC 60422 Limit (mg KOH/g)			Test Result (mg KOH/g)					Test Instrument
Good	Fair	Poor	Date-1	Date-2	Date-3	Date-4	Date-5	
<0.1	0.1-0.2	>0.2						

Recommendation:

☐ Result Satisfactory. ☐ Need observation. Resampling after Month. ☐ Caution. Resampling immediately.

Comments:

Tested By:

Witnessed By:

Verified By:

C/S By:

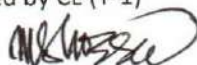
Assistant/ Sub-Assistant Engineer,

Sub-Divisional/Assistant Engineer


Executive Engineer

Superintending Engineer

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: EQUIPMENT DATA OF GRID SUBSTATION (CB)								
Document No.	QF-RTS-04	Revision No.:	02	Effective Date:		Page	1	of	1

CIRCUIT BREAKER EQUIPMENT DATA OF GRID SUBSTATION

GC :		GMD :	
SUBSTATION:			

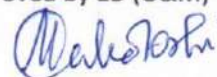
NAME OF MANUFACTURER:	:			
YEAR OF MANUFACTURER:	:		TYPE OF BREAKER :	
BREAKER ID	:			
BAY ID	:			
SERIAL NO.	:		RATED FREQUENCY :	
OPERATION	:		RATED SHORT CIRCUIT BREAKING :	
RATED SHORT TIME CURRENT	:		OPERATING MECHANISM VOLTAGE :	
RATED MAKING CURRENT	:		OPERATING SEQUENCE :	
OPERATING MECHANISM :	:		CONTROL VOLTAGE :	
RATED CURRENT :	:		TANKTYPE :	
GAS PRESURE	:		RATED VOLTAGE :	
NOTE	:			

AE/SDE,
_____Sub-station.

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: EQUIPMENT DATA OF GRID SUBSTATION (DS)								
Document No.	QF-RTS-05	Revision No.:	02	Effective Date:		Page	1	of	1

EQUIPMENT DATA OF GRID SUBSTATION

DISCONNECTING SWITCH / ISOLATOR

GC :		GMD :	
SUBSTATION:			Running
MANUFACTURER :		DS ID. :	
TYPE :		BAY ID :	
SERIAL NO. :		YEAR OF MANUFACTURER:	
RATED VOLTAGE :		STANDARD :	
RATED CURRENT :		RATED FREQUENCY :	
SHORT TIME CURRENT :		NO. OF POLE :	
NO. OF CONTACTS :		TYPE OF BREAKING :	
		OPERATING MECHANISM :	
OPERATING VOLTAGE :			

NOTE :

AE/SDE,
_____ Sub-station.

Reviewed by CE (T-1)

[Signature]

Approved by ED (O&M)

[Signature]

Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.				QUALITY FORMS		
	TITLE: EQUIPMENT DATA OF GRID SUBSTATION (VT)						
Document No.	QF-RTS-06	Revision No.:	02	Effective Date:		Page	1 of 1

VOLTAGE TRANSFORMER EQUIPMENT DATA OF GRID SUBSTATION

GC :				GMD :			
SUBSTATION :							
MANUFACTURER :					VT. ID. :		
BAY ID :				TYPE :			
RATED VOLTAGE PRIMARY :			KA	MANUFAC YEAR:			
RATED VOLTAGE SECONDARY :				STANDARD			
RATED CAPACITANCE :				RATED FREQUENCY :			Hz
SHORT TIME CURRENT :			KA	NO. OF PHASE :			
TOTAL WEIGHT			KG	TERMINALS MARKING :			
STATUS				WEIGHT OF OIL :			
SL. NO. :							
Note :							

SPECIFICATION

Sl.No.	Ratio	Sec. Connection	Aux. Connection	Burden (VA)	Accuracy Class
1					

AE/SDE,
_____ Sub-station.

Reviewed by CE (T-1)

M. Hossain

Approved by ED (O&M)

M. Akter

Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: EQUIPMENT DATA OF GRID SUBSTATION (CT)								
Document No.	QF-RTS-07	Revision No.:	02	Effective Date:		Page	1	of	1

EQUIPMENT DATA OF GRID SUBSTATION

CURRENT TRANSFORMER

GC :		GMD :	
SUBSTATION:			

NAMER OF MANUFACTURER :	<input style="width: 95%;" type="text"/>	CT. ID. :	<input style="width: 95%;" type="text"/>
YEAR OF MANUFACTURE :	<input style="width: 150px;" type="text"/>	BAY ID.	<input style="width: 150px;" type="text"/>
TYPE	<input style="width: 300px;" type="text"/>	SL. NO. :	<input style="width: 150px;" type="text"/>
RATED PRIMARY VOLTAGE :	<input style="width: 150px;" type="text"/> KV	RATED FREQUENCY :	<input style="width: 150px;" type="text"/>
RATED PRIMARY CURRENT :	<input style="width: 150px;" type="text"/> A	NO. OF PHASE :	<input style="width: 100px;" type="text"/> HZ
RATED SECONDARY CURRENT :	<input style="width: 150px;" type="text"/> A	TERMINALS MARKING :	<input style="width: 150px;" type="text"/>
RATED BURDEN :	<input style="width: 150px;" type="text"/> VA	CLASS	<input style="width: 100px;" type="text"/>
MEASURED	<input style="width: 150px;" type="text"/> VA	WEIGHT OF OIL :	<input style="width: 100px;" type="text"/> Kg
NO. OF SEC. WINDING :	<input style="width: 150px;" type="text"/> NO	STATUS	<input style="width: 150px;" type="text"/>
TOTAL WEIGHT	<input style="width: 150px;" type="text"/> Kg	STANDARD	<input style="width: 150px;" type="text"/>

Note :

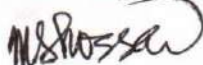
Detail Specification

Sl.No.	Ratio	Sec. Connection	Aux. Connection	Burden VA	Accuracy Class
1					

AE/SDE,

_____ Sub-station.

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: EQUIPMENT DATA OF GRID SUBSTATION (LA)								
Document No.	QF-RTS-08	Revision No.:	02	Effective Date:		Page	1	of	1

EQUIPMENT DATA OF GRID SUBSTATION

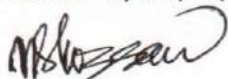
SURGE / LIGHTNING ARRESTER

GC :		GMD :	
SUBSTATION:			QF-RTS-08

NAME OF MANUFACTURER:	<div style="border: 1px solid black; height: 25px;"></div>	CT. ID. :	<div style="border: 1px solid black; height: 25px;"></div>
TYPE :	<div style="border: 1px solid black; height: 25px;"></div>	BAY ID :	<div style="border: 1px solid black; height: 25px;"></div>
RATED SYSTEM VOLTAGE :	<div style="border: 1px solid black; height: 25px;"></div> KV	YEAR OF MANUFACTURER:	<div style="border: 1px solid black; height: 25px;"></div>
RATED OPERATING VOLTAGE :	<div style="border: 1px solid black; height: 25px;"></div> KV	STANDARD :	<div style="border: 1px solid black; height: 25px;"></div>
ENERGY INPUT :	<div style="border: 1px solid black; height: 25px;"></div> KJ/KV	RATED FREQUENCY :	<div style="border: 1px solid black; height: 25px;"></div> Hz
TOTAL WEIGHT :	<div style="border: 1px solid black; height: 25px;"></div> KG	NOMINAL DISCHARGE CURRENT	<div style="border: 1px solid black; height: 25px;"></div> KA
EQUIPMENT STATUS :	<div style="border: 1px solid black; height: 25px;"></div>	PROTECTIVE CLASS :	<div style="border: 1px solid black; height: 25px;"></div>
SL. NO. :	<div style="border: 1px solid black; height: 25px;"></div>		

AE/SDE,
_____ Sub-station.

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.				QUALITY FORMS				
	TITLE: EQUIPMENT DATA OF GRID SUBSTATION (Battery/Charger)								
Document No.	QF-RTS-09	Revision No.:	02	Effective Date:		Page	1	of	1

BATTERY & BATTERY CHARGER EQUIPMENT DATA OF GRID SUBSTATION

GC :		GMD :	
SUBSTATION:			Running

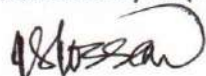
NAME OF MANUFACTURER	:			
YEAR OF MANUFACTURER	:		VOLUME OF ELECTROLYTE :	Lit.
Battery ID	:			
Bay ID	:		SERIAL No. :	
MANUFACTURER TYPE	:		CAPACITY :	AH
TYPE OF ELECTROLYTE	:		VOLTAGE PER CELL (NOMINAL) :	V DC
FLOAT CHARGE RATE	:		MAXIMUM BOOST CHARGE RATE :	MA
EFFICIENCY AT 10 HOUR	:		RATED SHORT TIME CURRENT :	KA
NOTE	:			

BATTERY CHARGER

NAME OF MANUFACTURER					
YEAR OF MANUFACTURE			MANUFACTURER TYPE :		
RECTIFICATION SYSTEM			FREQUENCY :	Hz	
CONTROLLING SYSTEM			CHARGING MODE :		
AC SIDE	INPUT		DC SIDE	OUTPUT :	V
	RATED VOLTEGE			CURRENT :	A
CHARGING CONTROL					
NOTE					

AE/SDE,
Sub-station.

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Transformer (Three Phase) Tan-δ Test Report								
Document No.	QF-RTS-11	Revision No.:	01	Effective Date:		Page	1	of	1

Power Transformer (Three Phase) Tan- δ Test

Substation Name:		Date:
Equipment ID:	Test Equipment:	
Capacity:	Equipment Serial:	
Voltage Rating:	Reference Value:	
Manufacturer:	Ambient Temp. :	
Year of Manufacturing:	Oil Temp. :	
Test Frequency :	Humidity :	

Transformer Tan-delta

Mode		UST-A		GSTg-A+B		GSTg-B		GSTg-A+B		GSTg-B	
Measurement		C_{HL} (HV-LV)		C_H (HV-G)		$C_{HL} + C_H$ (Check)		C_L (LV-G)		$C_{HL} + C_L$ (Check)	
Sl No	Voltage (kV)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)
1	5										
2	10										

Bushing Tan-delta

Measurement		HT		LT		Tertiary		Neutral	
Phase	Mode	UST-A (Test Terminal)		UST-A (Test Terminal)		UST-A (Test Terminal)		UST-A (Test Terminal)	
	Voltage (kV)	Cp (pF)	DF (%)	Cp (pF)	DF (%)	Cp (pF)	DF (%)	Cp (pF)	DF (%)
R	5								
	10								
Y	5								
	10								
B	5								
	10								

Recommendation:

Transformer

- ☐ Result satisfactory.
☐ Need Observation. Retest after ____ month.
☐ Centrifuge the oil.

Bushing

- ☐ Result satisfactory.
☐ Need Observation. Retest after ____ month.
☐ Replace the ____ phase bushing immediately.

Comment :

Tested By

Witnessed/Checked By

Counter signed By

AE/SDE, RTS, PGCB

Executive Engineer, RTS, PGCB

Superintending Engineer, RTS, PGCB

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Transformer Tan-δ (Single Phase Auto) Test Report								
Document No.	QF-RTS-12	Revision No.:	00	Effective Date:		Page	1	of	1

Power Transformer (Single Phase) Tan-δ Test

Substation Name: _____ Date: _____

Equipment ID:	Test Equipment:
Capacity:	Equipment Serial:
Voltage Rating:	Reference Value:
Manufacturer:	Ambient Temp. :
Year of Manufacturing:	Oil Temp. :
Test Frequency:	Humidity :

Transformer R Phase

Mode		UST-A		GSTg-A+B		GSTg-B		GSTg-A+B		GSTg-B	
Measurement		C _{HL} (HV-LV)		C _H (HV-G)		C _{HL} + C _H (Check)		C _L (LV-G)		C _{HL} + C _L (Check)	
Sl No	Voltage(kV)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)
1	5										
2	10										

Transformer Y Phase

Mode		UST-A		GSTg-A+B		GSTg-B		GSTg-A+B		GSTg-B	
Measurement		C _{HL} (HV-LV)		C _H (HV-G)		C _{HL} + C _H (Check)		C _L (LV-G)		C _{HL} + C _L (Check)	
Sl No	Voltage(kV)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)
1	5										
2	10										

Transformer B Phase

Mode		UST-A		GSTg-A+B		GSTg-B		GSTg-A+B		GSTg-B	
Measurement		C _{HL} (HV-LV)		C _H (HV-G)		C _{HL} + C _H (Check)		C _L (LV-G)		C _{HL} + C _L (Check)	
Sl No	Voltage(kV)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)	Cp (nF)	DF (%)
1	5										
2	10										

Bushing

Measurement		HT		LT		Tertiary		Neutral	
Phase	Mode	UST-A (Test Terminal)		UST-A (Test Terminal)		UST-A (Test Terminal)		UST-A (Test Terminal)	
	Voltage (kV)	Cp (pF)	DF (%)	Cp (pF)	DF (%)	Cp (pF)	DF (%)	Cp (pF)	DF (%)
R	5								
	10								
Y	5								
	10								
B	5								
	10								

Recommendation:

Transformer

- ☐ Result satisfactory.
☐ Need Observation. Retest after ____ month.
☐ Centrifuge the oil.

Bushing

- ☐ Result satisfactory.
☐ Need Observation. Retest after ____ month.
☐ Replace the ____ phase bushing immediately.

Comment :

Tested By

Witnessed/Checked By

Counter signed By

AE/SDE, RTS, PGCB

Executive Engineer, RTS, PGCB

Superintending Engineer, RTS, PGCB

Reviewed by CE (T-1)

Approved by ED (O&M)





Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Instrument Transformer Tan- δ Test Report								
Document No.	QF-RTS-13	Revision No.:	00	Effective Date:		Page	1	of	1

TAN- δ Test Result of Current Transformer / Voltage Transformer

Test Instrument Used :
 Name of the Grid S/S :
 Equipment ID :
 Date of Testing :
 Commissioning date :
 Manufacturing year :
 Manufacturer :
 Oil temperature :

Sl No.	Phase	Mode	Test Connection	Applied Voltage	Capacitance(nF)	Tan δ (%)	Remarks
1	R	UST-A	HT-Cx	3 KV	CHL		
				5 KV			
				10 KV			
2	Y	UST-A	HT-Cx	3 KV	CHL		
				5 KV			
				10 KV			
3	B	UST-A	HT-Cx	3 KV	CHL		
				5 KV			
				10 KV			

NB - According to IEEE C57.13-2016, the Tan- δ limit is 0.5% (max.) for Current Transformer.

Recommendation:

- ☐ Result satisfactory.
☐ Need Observation. Retest after ___ month.
☐ Replace the ___ phase ___ immediately.

Comment:

Tested By:

Verified By:

C/S By:

Assistant Engineer/ Sub-divisional
Engineer
RTS, PGCB

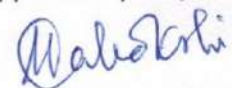
Executive Engineer,
RTS, PGCB

Superintending Engineer
RTS, PGCB

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Transformer Tan-δ (Single Phase Auto) Test Report								
Document No.	QF-RTS-14	Revision No.:	00	Effective Date:		Page	1	of	1

Circuit Breaker Timing Test

Test Instrument Used :
 Sub Station Name :
 Date of Testing :
 Breaker ID :
 Manufacturer :
 Manufacturing Year :
 Operating Mechanism :
 Ambient temperature : °C

Test Result

SL. NO.	PHASE	TRIP 1 (ms)	TRIP 2 (ms)	CLOSE (ms)	C-O (ms)	REMARKS
1.	R					
2.	Y					
3.	B					

Recommendation:

- ☐ Result Satisfactory.
☐ Need observation.
☐ Warning. Replace _____ phase immediately.

Comments:

Tested By:

Witnessed By:

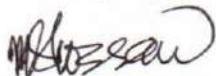
C/S By:

Assistant/Sub-divisional Engineer,
RTS, PGCB

Executive Engineer
RTS, PGCB

Superintending Engineer
RTS, PGCB

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Circuit Breaker Contact Resistance Test Report								
Document No.	QF-RTS-15	Revision No.:	00	Effective Date:	00/00/21	Page	1	of	1

Circuit Breaker Contact Resistance Test

Test Instrument Used :
 Sub Station Name :
 Date of Testing :
 Breaker ID :
 Manufacturer :
 Manufacturing Year :
 Operating Mechanism :
 Ambient temperature : °C

Test Result

Sl. No.	Phase	Test Current (A)	Resistance (micro ohm)	Remarks
1.	R			
2.	Y			
3.	B			

Recommendation:

- ☐ Result Satisfactory.
☐ Need observation. Retest after Month.
☐ Warning. Replace immediately.

Comments:-

Tested By:

Witnessed By:


C/S By:

Assistant/Sub-divisional Engineer,
RTS, PGCB

Executive Engineer
RTS, PGCB

Superintending Engineer
RTS, PGCB

Reviewed by CE (T-1)



Approved by ED (O&M)



Quality Management System	POWER GRID COMPANY OF BANGLADESH LTD.					QUALITY FORMS			
	TITLE: Battery Load Test Report								
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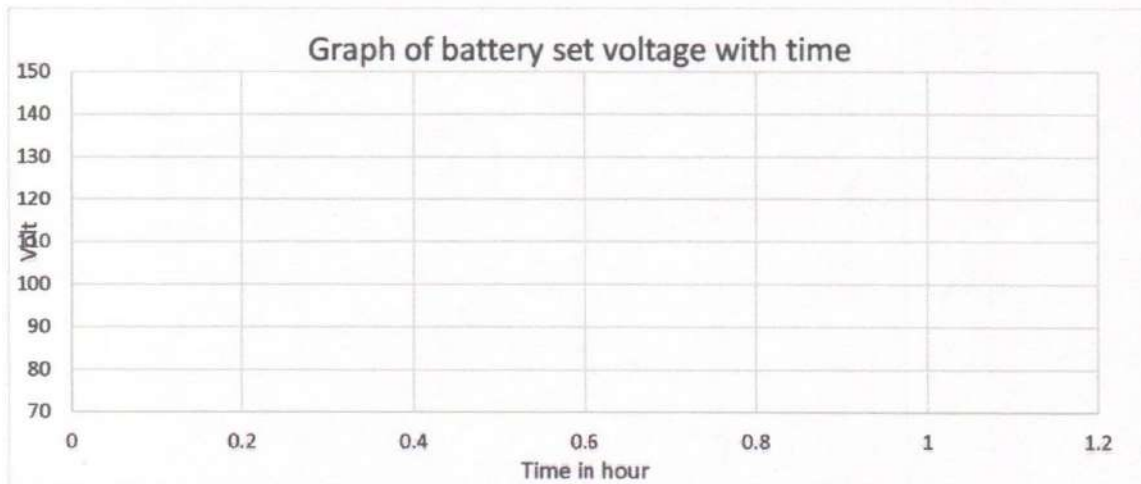
Battery Load Test

Substation Name: Date:

Equipment ID:	Test Equipment:
Battery Type:	Batter Location:
Capacity:	End Cell Voltage:
Manufacturer:	Electrolyte Temp:
No. of Cell:	Year of Manufacturing:

Test Result

Sl.	Time	Discharging Current	Total Battery Voltage (Volt)	Avg. Cell Voltage	Amp-Hour
1.	Pre-discharge	Amp			
2.	0.01				
3.	0.30				
4.	1.00				
5.	1.30				
6.	2.00				
7.	2.30				
8.	3.00				
9.	3.30				
10.	4:00				
11.	4:30				
12.	5:00				
13.					



Comments:

Tested By

AE/SDE, RTS, PGCB

Acknowledge By

Witnessed/Checked By

Executive Engineer, RTS, PGCB

Counter signed By

Superintending Engineer, RTS,
PGCB

Reviewed by CE (T-1)

[Signature]

Approved by ED (O&M)

[Signature]