# Practical assessment 1 – Zone substation transmission switching

#### Part B: Prepare transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Preparation	Yes/No	Action
Job risk analysis (WRAP)	YES	COMPRETED BY CROWN APPEL SITE MSTT TO SUB
PPE	YES .	SAFETH FOOTWOODE, CAT 3 LATED GLOUDS, HI WIS PR SHIRT, LONG ARTS FR SWITCHING JOLGT, PANTS, MODD, SAFE
Substation access	'IS	CHECK IN CHECK OUT PROXEDURE FOURNESS. LOG BOOK FILLIPS IN
Keys/access tools	NES	MA POY BOX CHERED
Operating handles	Yes	CHECK ONSITE AND READY TO USE, EARTHE, EQUIPARATINE BONDS CHECKED.
Barriers and screens	1,00	NOT REQUEE PUR TANK
Danger – Do Not Operate tags High visibility sign	res	TAIS WETTON OUT IN ACCOUNTED
Electrical test instruments	୳୯୬	MODILIARE, CONTINUITY TESTOR
Safety observer	100	NOT REQUIRED FOR PREP
Other works	4E\$	CHERWOLLERS IN TARD POLV OF LOOKS AND KERT IN COMS WITH
Vork permit	VES.	FAX -33/811-1 PRE FILLED FOR
Earth sets	463	CHEKEN OK AND INTEST WATE

# Practical assessment 1 – Zone substation transmission switching

#### Part C: Perform transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	VES	CHECK IN CHECK OF HOUSELE FOUNDS
Job risk analysis (WRAP)	463	FILED OUT FUE CONDITIONS ON THE DM
Communication	Yes	TSO WAS IN COMMUNICATION WITH SOCK MID TORINGE WOOK CLEAR, LTC
PPE	403	GERR WOEN AS PERLISTON (N PROP
Switching schedules	Yes	520 - 116120 -g.
Identification/location	res	SCOPED EQUIPMENT IN YARD BEFORE
Condition of switchgear	YES	SCOPED EQUIPMENT FOR DEPECTS FOOL
Operation of switchgear	les.	GENE BEFORE AND AFTER SWITCHIN
Danger – Do Not Operate tags	103	PLE FILLS FROM PLEP, USED IN ACCOLDANCE WITH SEHEBULE
Electrical test instruments	res	MODINARY AM. CONDINUTY TESTER.
Safety observer	423	RESTATION THROUGHOUT CROLD WEING THE DAY.
Work permit	463	PREFICED GRAP PROMPRED USE, APPROPRIED INFORMATION ANDED.

www.

Practical observation checklist – assessment 1				
Item	Action/result required by the participant	S	NYS	
1	Ensured site safety requirements in place			
2	Job risk assessment process followed:			
	- Read and selected Golden Safety Rules			
	Information entered into workplace risk assessment plan (WRAP)			
	- Participated in job briefing			
3	Selected and checked appropriate PPE prior to use			
4	Worked safely and complied with all safety requirements			
5	Carried out switching activities in accordance with the switching schedule			
6	Checked apparatus location and identification before and after each operation			
7	Inspected condition and status of apparatus and indicators before and after operation	1		
8	Used safe and appropriate testing procedures			
9	Fitted and removed danger tags as and where appropriate			
10	Communicated with program controller appropriately using clear and concise language			
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures			
12	Completed restoration steps			
13	Completed all tests and checks to ensure system back to normal			
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)			
15	Participated in a job debriefing session			
	sor's comments: Satisfactory Not yet	satisfactory	, 🗆	
Assess	sor's signature:	Date:	12/20	
Partici	pant's signature:	Date:	.2.20	

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part A: Plan to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Switching s	schedule No.	

Planning	Yes/No	Action
Network diagrams	1 2 4	
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths		
Customer supply interruption		
eNAR		
Switchgear capabilities		
Site visit		
Electrical test instruments		
Work permits		
Operating agreement		

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

### Part B: Prepare to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Preparation	Yes/No	Action
Job risk analysis (WRAP)		
PPE		
Substation access		
Keys/access tools		
Operating handles		
Barriers and screens		
Danger – Do Not Operate tags High visibility sign	-	
Electrical test instruments		
Safety observer		
Other works		
Work permit		
Earth sets		

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part C: Perform isolation of distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Perform	Yes/No	Action
Substation access		
Job risk analysis (WRAP)		
Communication .	-20	
PPE		
Switching schedules		
Identification/location		
Condition of switchgear		
Operation of switchgear		
Danger – Do Not Operate tags		
Electrical test instruments		
Safety observer		
Work permit		

Participant's name:		

	Practical observation checklist – assessment 2			
Item	Action/result required by the participant	S	NYS	
1	Ensured site safety requirements in place			
2	Job risk assessment process followed:  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing	,		
3	Selected and checked appropriate PPE prior to use	0 °s 2		
4	Worked safely and complied with all safety requirements			
5	Carried out switching activities in accordance with the switching schedule	E 1- ,		
6	Checked apparatus location and identification before and after each operation			
7	Inspected condition and status of apparatus and indicators before and after operation			
8	Used safe and appropriate testing procedures			
9	Fitted and removed danger tags as and where appropriate			
10	Communicated with program controller appropriately using clear and concise language			
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures			
12	Completed restoration steps			
13	Completed all tests and checks to ensure system back to normal			
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)			
15	Participated in a job debriefing session			
)	sor's comments: Satisfactory □ Not yet	satisfactory		
Partici	pant's comments:		- 11	
Assess	sor's signature:	Date:		
Partici	Participant's signature: Date:			

## Part A: Plan to isolate a disconnector or circuit breaker for maintenance/repair\* (LANSFEL & LORA)

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No.

PRACTICAL TASK 3.8.20; \$20-7361-L

Planning	Yes/No	Action
Network diagrams	Yes	PLINTER OUT AND MARKES UP AL ANCTOR
Transformer MVA rating	LUB	200
AVR	NA	2/9
Interconnection points	No	rila.
Points of isolation	1/0	NO ISOLATION BY WATT MICHO
Program earths	20	NO GROTHING PONTS AS FOR EVAR
Customer supply interruption	No	NO CUSTOMORS APPECTED BY OTTAKE
eNAR	uez,	eval 419588 written of more mucho
Switchgear capabilities	No	COMPLETED BY MATT MILLED PLICE TO END TO ONLINE ALL DISO TO BE OPERATED ALL FIT POR SERVICE
Site visit	les	STIE VISIT TO ANT SUB CONDITION FOR SWITCH COCRTION AND CONDITION
Electrical test instruments	№	NO TESTS REDUIRED.
Work permits	No	NO AGRIMITS REQUIRED FOR TASK LOOD TRANSPOR ONLY.
Operating agreement	100	NIA

Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair\* TRANSPER OF LOND

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	YES	PLE WRITION FOR TROK AFTER SITE VILIT, GROUP DISCUSSION WHILLST PLUED OUT
PPE	163	SAPETH FOOTHER LATTS PATES . CHOURS, HI UIS PLSHIRT & PAUTS, SAPETH CHOISES, HERMET
Substation access	765	CHECK IN CHECK OUT PROCESS FOLLOWED LOCK BOOK FLUOR IN
Keys/access tools	No.	NO KMS, USED TRAINERS TO RUESS DECMINAL. CHECKED KOY BOX
Operating handles	YES	EUNIPOTONTIAL BONDING IN GOOD OCCUSE
Barriers and screens	10	NO SCROBUS EBBLICES.
Danger – Do Not Operate tags High visibility sign	110	no was feetiles pre-case
Electrical test instruments	No	NO TESTING REQUIRED FOR
Safety observer	06#D	NOT LEQUISED ER PLEP WOLK
Other works	No	NO OTHER WORK GROWS IN
Work permit	1/0	MA
Earth sets	No	214.

Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair\* TLANS PER SP LOND.

- Group may discuss considerations using the table below.
- Complete the table with your comments.

\* No loss of customer supply

TAOK 7

Perform	Yes/No	Action
Substation access	463	LOG BOOK FILED OUT
Job risk analysis (WRAP)	YEI	CONDITIONS OF THE DAY THE WESTO WITH TO FOR BUT OTHER DAY THE BEAUTY
Communication	163	TSO COMMUNICATION WITH BTC AS SOB ROWCKIE FOR OL TO PROCESSED.
PPE 1 8 4 8	43	BUTTEMINE TROOK
Switching schedules	YES	130-7361-0700-1000; LAN LATE DE TO 150 HOLD OF AT PLONIONS 200 OK FROM BTL LATEMO TO STILL CARRY OUT WORK
Identification/location	YES	SCORED PLIER TO SWITCHING RR DIDD LOCATIONS
Condition of switchgear	res	SCOPED PLIDE TO SWITCHING FOR DISO CONDITIONS & BOTH FRUITS THAT GULD PREVENT TASKS.
Operation of switchgear	res	OPERATED SOCIAL MIPES OF DISU, CHECKED FOR COMPLETE OPERATION OF BACH STEP
Danger – Do Not Operate tags	100	NOT REQUIRED FOR THIS TASK
Electrical test instruments	100	NOT LEGUIRES FOR THIS TAIK
Safety observer	405	POTETOS THLOUGH GLOUP
Work permit	ND	NO RELIMITS REQUILED.

Participant's name:	Kypn	Verus.	

	Practical observation checklist – assessment 3		
Item	Action/result required by the participant	S	NYS
1	Ensured site safety requirements in place		
2	Job risk assessment process followed:  Read and selected Golden Safety Rules  Information entered into workplace risk assessment plan (WRAP)  Participated in job briefing		
3	Selected and checked appropriate PPE prior to use		
4	Worked safely and complied with all safety requirements	7.5	
5	Carried out switching activities in accordance with the switching schedule		
6	Checked apparatus location and identification before and after each operation		
7	Inspected condition and status of apparatus and indicators before and after operation		
8	Used safe and appropriate testing procedures		
9	Fitted and removed danger tags as and where appropriate		
10	Communicated with program controller appropriately using clear and concise language	1	)
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures		
12	Completed restoration steps		
13	Completed all tests and checks to ensure system back to normal		
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)		
15	Participated in a job debriefing session		
Assess	sor's comments: Satisfactory Not ye	et satisfactory	
Partici	pant's comments:	,	
Assess	sor's signature:	Date:	761
	pant's signature:	Date:	L/2.7

### Practical assessment 4 – Terminal line switching

#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching	schedule	No.			

Planning	Yes/No	Action
Network diagrams	4 - 1 - 12	*
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths		,
Customer supply interruption		
eNAR		-
Switchgear capabilities		
Site visit		
Electrical test instruments		
Work permits		g No. was King E
Operating agreement		

### Practical assessment 4 – Terminal line switching

### Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	
PPE	
Substation access	
Keys/access tools	
Operating handles	
Barriers and screens	
Danger – Do Not Operate tags High visibility sign	
Electrical test instruments	
Safety observer	
Other works	
Work permit	
Earth sets	

### Practical assessment 4 - Terminal line switching

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access		
Job risk analysis (WRAP)		
Communication		
PPE		
Switching schedules		
Identification/location		
Condition of switchgear		
Operation of switchgear		
Danger – Do Not Operate tags		
Electrical test instruments		
Safety observer		
Work permit		

Participant's name:	
---------------------	--

	Practical observation checklist – assessment 4				
Item	Action/result required by the participant	S	NYS		
1	Ensured site safety requirements in place				
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing				
3	Selected and checked appropriate PPE prior to use				
4	Worked safely and complied with all safety requirements				
5	Carried out switching activities in accordance with the switching schedule				
6	Checked apparatus location and identification before and after each operation				
7	Inspected condition and status of apparatus and indicators before and after operation				
8	Used safe and appropriate testing procedures				
9	Fitted and removed danger tags as and where appropriate				
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Assess	sor's comments: Satisfactory   Not yet s	atisfactory			
Partici	pant's comments:				
Assess	or's signature:	Date:			
Partici	pant's signature:	Date:			



Produced by Western Power's Power Training Services WA (PTSWA)

Training Place, Jandakot WA 6164 | T: (08) 9411 7888 | F: (08) 9411 7887 | pts-training.com.au

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### Practical assessment 4 - Zoue line switching

#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. PRACTICAL TASK 6 ON 30.07.20 \$20-113820-G

Planning	Yes/No	Action
Network diagrams	YES	PRINTED OFF & MARKEDUP
Transformer MVA rating	NO	N/A
AVR	NO	12/A
Interconnection points	NO	NA
Points of isolation	NO	REQUSTED 134 MATT MICHO
Program earths	NO	REQUISTED BY MATT MICAO
Customer supply interruption	100	NA
eNAR	NO	REQUISTED BY MATT MICRO
Switchgear capabilities	NO	
Site visit	YES	VISITED SITE 29.7.20
Electrical test instruments	YES	MODIWARK
Work permits	100	
Operating agreement	10	

\*

an in the section for the contract of the cont

Participant's name:	Man	VULLERS	

	Practical observation checklist – assessment 4						
Item	Action/result required by the participant	S	NYS				
1	Ensured site safety requirements in place						
2	Job risk assessment process followed:						
	- Read and selected Golden Safety Rules						
	Information entered into workplace risk assessment plan     (WRAP)						
	- Participated in job briefing						
3	Selected and checked appropriate PPE prior to use						
4	Worked safely and complied with all safety requirements	1					
5	Carried out switching activities in accordance with the switching schedule	h					
6	Checked apparatus location and identification before and after each operation	10					
7	Inspected condition and status of apparatus and indicators before and after operation						
8	Used safe and appropriate testing procedures						
9	Fitted and removed danger tags as and where appropriate						
10	Communicated with program controller appropriately using clear and concise language						
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures						
12	Completed restoration steps						
13	Completed all tests and checks to ensure system back to normal						
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)						
15	Participated in a job debriefing session						
	sor's comments: Satisfactory Not ye	t satisfactory	, 🗆				
. wi tiVi							
Asses	sor's signature:	Date:	AM				
Dortici	pant's signature:	Date: 7	2.7				

### Practical assessment 4 – Terminal line switching

### Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

/	COMPLETED BY GROUP
YES	AFTEL SITE VISIT.
	BOOT'S LEVEL I PANT'S \$
YES'	SITIAT. RATED GLOVE TO THE TASK. HELLEST.
1-	LOG IN PROCEDURE
1ES	FOLLOWED LOG-BOOK CITICK IN & OUT
100	CHECK KEY BOX
165	
100	CHECK BRAID'S
15	
,	CHECK ORAPGE FLAGS
SECONDO I	(f)
	(IAG'S WATTHEN OUT WITH THE COPPLET TO FORMATED
IES	WITH THE COPPLECT INFORMATION
	TO THE SUSTCHIPC SCHEDUL
YES	MODIWALK
	NOT REQUIRED FOR
00	PREP.
,	LOTIFIED OTHER WORK
YES	PANTIÉS WE ALE ON STIE
1 -	PREFILL OUT EAP.
TES.	332731-H·
1ES	CHECKED EARTH IN
	YES

### Practical assessment 4 – Terminal line switching

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access		
Job risk analysis (WRAP)		
Communication		
PPE		
Switching schedules		20/
Identification/location		
Condition of switchgear		5
Operation of switchgear		
Danger – Do Not Operate tags		
Electrical test instruments	7	
Safety observer	17	
Work permit	Q/	77

TANK (t

J20-113850-g. Eran 418767

## Practical assessment 3 – Terminal substation switching

### Part A: Plan to isolate a disconnector or circuit breaker for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No.

Planning	Yes/No	Action
Network diagrams	Yes	Printed out + marked up co Part of Prep.
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths		
Customer supply interruption		
eNAR	Y	Submitted by Matt Magro 418767
Switchgear capabilities		
Site visit	,	
Electrical test instruments		
Work permits		
Operating agreement		

## Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	7	Crown Oxscussion + was
PPE	Y	Level FR Shirt + Trousers Sortely boots x glasses Class 3 rated groves
Substation access	Y	Son in Sign out via
Keys/access tools	Y	Check Keys + twis available,
Operating handles	7	Cheek available + reactly for cesc.
Barriers and screens		
Danger – Do Not Operate tags High visibility sign	Y	Donger Lags prewritte as per Schedule
Electrical test instruments	Y	Chiek chailable, test
Safety observer		
Other works		
Work permit	Y	discussion + as per schedule
Earth sets	7	Check . 7 Endby operational hardware

### Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action	
Substation access			
Job risk analysis (WRAP)			
Communication		100	
PPE			
Switching schedules	0		
Identification/location	N		
Condition of switchgear	V		
Operation of switchgear			
Danger – Do Not Operate tags			
Electrical test instruments		9	
Safetyobserver			
Work permit			

Participant's name:	Kyan	Viccos.	

	Practical observation checklist – assessment 3				
Item	Action/result required by the participant	S	NYS		
1	Ensured site safety requirements in place				
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing				
3	Selected and checked appropriate PPE prior to use				
4	Worked safely and complied with all safety requirements				
5	Carried out switching activities in accordance with the switching schedule				
6	Checked apparatus location and identification before and after each operation				
7	Inspected condition and status of apparatus and indicators before and after operation	6	)		
8	Used safe and appropriate testing procedures	1			
9	Fitted and removed danger tags as and where appropriate				
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Assessor's comments: Satisfactory Not yet satisfactory  Participant's comments:					
Assess	or's signature:	Date: 7	8/20		
Particip	pant's signature:	Date: 7.	8:20		



### Part A: Plan to isolate a disconnector or circuit breaker for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. J20-117190-9 ENAR 419620

Planning	Yes/No	Action
Network diagrams	465	CHECKED FOR ACCURACY AND RELEVANCE.
Transformer MVA rating	Юo	
AVR	No	
Interconnection points	Tes	CHECKED BY MATT MIGRO PAUL DUORAIK.
Points of isolation	YES	CHECKED BY MATT MIGRO  PAUL DUORAK.
Program earths	YES	CHECKED BY PARTY MIGRO PAUL DUORAK.
Customer supply interruption	No.	
eNAR	705	RAISED BY MATT MIGRO 3130120 .
Switchgear capabilities	70	
Site visit	465	Scoping visit Conducted Probam Stepped Through EQUIPMENT CHECKED SERVICEABLE.
Electrical test instruments	YES	MODIEWARK TESTER OBTAINED . REPLACEMENT / BACK OF SOURCED .
Work permits	YES	EAP REQUESTED IN ENAR.
Operating agreement	No	

## Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	Yes	SOURCED.
PPE	Yes.	LONG SLEEUGD CAT I SHIRT   TROUSER GAFFTY BOOTS   GLASSES HELL ET ATTER CLASS 3 GLOUES + CUTERS .
Substation access	465	CHECK ANTHONRIBATIONS IN COMPLIANCE TOOL.
Keys/access tools	YES	SUBSTATION KEYS CHECKED.
Operating handles	YES	CHECKED SCRUICEABLE AND IH PLACE.
Barriers and screens	Yes	CHECKED SERVICEABLE AND ON SITE.
Danger – Do Not Operate tags High visibility sign	Yes	PRE WRITTEN AND CHECKED
Electrical test instruments	YES	MODIEWARK TESTER CHECKED .
Safety observer	YES	BRIEFED AND ON SITE.
Other works	YES	GRITER WORK ARTICS ADVISED GAFLICTS DISCUSSED.
Work permit	Yes.	EAP BOOK OBTAINED CAP ARE LIKITTEN.
Earth sets	705	CHECKED IN DATE AND SERVICEABLE.

### Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	YOS	SUBSTATION KEYS USED
		WP LOGIH SYSTEM USED WATEXT.
Job risk analysis (WRAP)	YES	SUBSTATION WAAP WATTEN/CHECKED AND COMPLETED.
Communication	YES	MOBILE SUITCHIHG USED BIC CONTACTED.  ALL WORK PARTY MEMBERS BRIEFED.
		ACC WORK THAT I MEMBERS WHITE OF.
PPE	YES.	LONG SUBJUE D CAT I SHIRT/ LONG TAOUSERS, SAFETY BOOTS SAFETY GLASSES, RATED CLASS 3 GLOUES AND OUTERS
Switching schedules	YES.	520-117190-9 COMPETED.
Identification/location	YES	ALL SLITCHING LOCATIONS, CHECKED AND VERLEIGH PRIOR 70 OFFRATION
Condition of switchgear	YES	ALL SLITCHGOAR CHECKED GORECT AND SERVICEABLE PRIOR TO USE.
Operation of switchgear	YES	ALL SWITCHGEAR OPERATION IN LA GUERATIHG PROCEEDURES.
Danger – Do Not Operate tags	YES	PREFILLED DANGERTAGS ATTACHED CORRECTLY TO RELEVANT EQUIPMENT AND REMOVED AS DIRECTED.
Electrical test instruments	YES	CONFIRMED GERUKEABLE GARECT -
Safety observer	Yes.	WORK CONDUCTED SAFELY.
Work permit	YES	EAR 334721-L CORRECTLY WAITTEN (1550ED) CANCELLES AW 508 145. RYAN DICKERS RIC (AUTHORISED).

Participant's name:	Kypu	Vurters	

	Practical observation checklist – assessment 3		
Item	Action/result required by the participant	s	NYS
1	Ensured site safety requirements in place	/	
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing	/	
3	Selected and checked appropriate PPE prior to use		
4	Worked safely and complied with all safety requirements		
5	Carried out switching activities in accordance with the switching schedule	/	
6	Checked apparatus location and identification before and after each operation	/	
7	Inspected condition and status of apparatus and indicators before and after operation	/	
8	Used safe and appropriate testing procedures	10	
9	Fitted and removed danger tags as and where appropriate	#//	
10	Communicated with program controller appropriately using clear and concise language		
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures	/	
12	Completed restoration steps	/	
13	Completed all tests and checks to ensure system back to normal	/	
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)	/	
15	Participated in a job debriefing session	/	
	sor's comments: Satisfactory Not yet	t satisfactory	
Assess	sor's signature: W	Date:7/	2 (20)
	pant's signature:	Date:	1.8.39

## Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No.	J200	112160-9 28/07/20
Crar 41865 Task 1	7	28/01/20
Planning	Yes/No	Action *
Network diagrams	Yes	
Transformer MVA rating		per 1 of trep
AVR		
Interconnection points		
Points of isolation		
Program earths		14
Customer supply interruption		
eNAR	Yes.	Submitted by Matt Mayon
Switchgear capabilities		
Site visit	Yes	Site visit Constitled 27/07/20
Electrical test instruments		12.10.120
Work permits		
Operating agreement		

### Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	7	Crown Descussion + Wige.
PPE	Y	Level 1-3Afety Shi-t, trousust Boots, Glasses, Class 3 rated gloves
Substation access	4	Sign in Sign out via NOP.
Keys/access tools	4	Chick Key awailable in Cabrel.
Operating handles	7	Parts, braiding.
Barriers and screens		
Danger – Do Not Operate tags	4	Donger tags for written as
High visibility sign	7	ter schaule.
Electrical test instruments	Y	decked + in date.
Safety observer		
Other works		
Work permit	4	Rewritten as per schalule
Earth sets	Y	Onsite checked + all intest
	/	date Northing parts checked
		Broids chicked.

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action Page 1
Substation access	7	Sign + Sign out Approved as
Job risk analysis (WRAP)	Y	a group. Crown descussion + filled in
Communication	Y	and between operators + Tough pand
PPE	Y	Level 1 FR Shi-t, Trousers, Safety boots and glasses Class 3 rated Glores J20-112160-9, followed via
Switching schedules	4	tough pad. nost
Identification/location	Y	Check location Cornect as per Schidule
Condition of switchgear	Y	All Sw. telegrat good Conclution
Operation of switchgear	4	Group operations multiple operations.
Danger – Do Not Operate tags	4	Tags attacked as perschedule.
Electrical test instruments	Y	founded by TSO chicked in derte.
Safety observer	3	
Work permit	Y	EAR filled in as group discussion IO+RIC signed on + off

.

Participant's name: _	Kyrn	Views.			
-----------------------	------	--------	--	--	--

	Practical observation checklist – assessment 4		
Item	Action/result required by the participant	s	NYS
1	Ensured site safety requirements in place		
2	Job risk assessment process followed:		
	- Read and selected Golden Safety Rules		
	Information entered into workplace risk assessment plan     (WRAP)		
	- Participated in job briefing	/	
3	Selected and checked appropriate PPE prior to use		
4	Worked safely and complied with all safety requirements	A	
5	Carried out switching activities in accordance with the switching schedule		
6	Checked apparatus location and identification before and after each operation	/	
7	Inspected condition and status of apparatus and indicators before and after operation		
8	Used safe and appropriate testing procedures		
9	Fitted and removed danger tags as and where appropriate		
10	Communicated with program controller appropriately using clear and concise language		
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures		
12	Completed restoration steps		
13	Completed all tests and checks to ensure system back to normal		
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)		
15	Participated in a job debriefing session		
	sor's comments: Satisfactory 🖾 Not ye	t satisfactory	
Λοσοσ	cor's signature.	Dota	lalan
	sor's signature:	Date:	370
			9 40



## Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part A: Plan to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- · Complete the table with your comments.

Switching schedul	e No. $\int$	20-	125090-9
28/7/20	CAP	BANK	C53

**Planning** Yes/No Network diagrams Yes Transformer MVA rating **AVR** Interconnection points Points of isolation Program earths Customer supply interruption by Matt Migro **eNAR** NA Switchgear capabilities Site visit Yes Electrical test instruments Work permits Operating agreement

## Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part B: Prepare to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Preparation	Yes/No	Action
Job risk analysis (WRAP)	Yes	group discussion and
PPE	Yes	level 1 safety boots safety glasses helmet
Substation access	Yes	check in as per western Power procedures
Keys/access tools	Yes	confirmed all lays are aviable and in cabout
Operating handles	Yes	checked all available and in good condition
Barriers and screens	NO	not required
Danger – Do Not Operate tags High visibility sign	Yes	all Janger tag pre written as per schedde
Electrical test instruments	Yes	checked in fest date
Safety observer	No	not reached
Other works	Ves	other crew on site communicated with them
Work permit	Yes	pre writter as pur Suitching schedule
Earth sets	Yes	check condition and in date & working

\* Teal shirts and ponts

## Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part C: Perform isolation of distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Perform	Yes/No	Action		
Substation access	Yes	check in check out as per		
Job risk analysis (WRAP)	Yes	group review discossion		
Communication	Yes	Communicate with R.T.C.		( -
PPE	Yes	level L	*	
Switching schedules	Yes	Confirm J20-125090-9 and Version and steps on tough	pad *	*
Identification/location	Yes	confirm correct location and identification is correct		
Condition of switchgear	Yes	check gas levels and		
Operation of switchgear	Yes	apparated switch gear as a	nultiple	times.
Danger - Do Not Operate tags	Yes	Ronger tags attached ons per so	hedule	
Electrical test instruments	Yes	modie work provided by TSO check conditition and in date		(
Safety observer	Yes	T.S.G to observe all switching Rotate within group	3	
Work permit	Yes	E.A.P Filled out and cheked by T.S.O		

\* Total ponts tohirts long sleeve helmet boots glasses
40 cal hood, pants, Jacket, class 3 gloves

\* Followed under direction with T-S.O

	()		
Participant's name:	Lyw	Vicuons	

- 1 m	Practical observation checklist – assessment 2				
Item	Action/result required by the participant	S	NYS		
1	Ensured site safety requirements in place				
2	Job risk assessment process followed:				
	Information entered into workplace risk assessment plan (WRAP)				
	- Participated in job briefing				
3	Selected and checked appropriate PPE prior to use				
4	Worked safely and complied with all safety requirements	•			
5	Carried out switching activities in accordance with the switching schedule				
6	Checked apparatus location and identification before and after each operation				
7	Inspected condition and status of apparatus and indicators before and after operation				
8	Used safe and appropriate testing procedures				
9	Fitted and removed danger tags as and where appropriate				
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Asses	sor's comments: Satisfactory 🗆 Not ye	et satisfactory			
Partici	pant's comments:				
Asses	sor's signature:	Date:	8/10		
Partici	pant's signature:	Date: 7	-8.20		



Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. 12 J20-127450-5-ENAR 418833

Planning	Yes/No	Action
Network diagrams	1	Prepared with 1501ations Earthing Points 29-7-2020
Transformer MVA rating	AVA	flanned o Completed by Matt Migro
AVR	N/A	
Interconnection points	AIN	11 11
Points of isolation	NA	11 (1)
Program earths	NA	11
Customer supply interruption	WA	11 11
eNAR	NA	11 )1
Switchgear capabilities	NIA	11 11
Site visit	NID	1) 1/ 1/
Electrical test instruments	NIA	1) 1/ //
Work permits	AIU	1) 1)
Operating agreement	AM	1) 11 17

\* 4

## Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	4	Written & Prepared
	1	· day before 29.7.2020
PPE	M	about to be were
		organised boy before 29-7-2020 organised Keys to be
		MACHISEN DON DEJOLIC CI- 1-4050
Substation access	M	oraginised Keys to be
		onside WAL MMIGO-P.D
	- I	Concluded On corress
Keys/access tools	1	to the company access
		WHI COM IN (MOLINES MEES)
		Scoped day before 29-7-2020
Operating handles	9	Scoped Day belove LT. 1- Cooper
		all braid handles clear of obstruction
Darwiere and careers		checked and off on side
Barriers and screens	M	
<i>b</i>		in earth slept
Danger – Do Not Operate tags		Pre winter goepard
	4	The Col Marcon of the Color
High visibility sign	e e e e e e e e e e e e e e e e e e e	29.7.2020 spares reach
		in case of change-
Electrical test instruments	N	17.7.2020 spares reachy In case of Change- tested & in dote
Liectrical test instruments		TESTOO! FILL OTONE
	.,	Modi sticks, Early
Safety observer		
	MIN	
	NA	
Other works	,	
and the second sector of the second sector se	1111	
	10/61	0 -11-1 12-101
Work permit	1.4	Pre writted vite isolations * Early Placements x 3
	~	1 FCLIF LIOCEWERS X 2
	,	
Earth sets	М	1 2 1
	ı	On side under 25 MUA

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	4	organised and Meet at SUR Checked In & Out with Matt Mistor with keys. after via Mabil access to cabind
Job risk analysis (WRAP)	1	and during Day to suite works all understood WIEAP + 519-60
Communication	4	Clear + concise when comunication with controll + Each other whilst switching + moving about your LI clothing whisalety glassed
PPE	4	boots Rated and in test gloves  V2 J20-12745015
Switching schedules	7	Read and understood.
Identification/location	4	Nalk thru again before switching began coxfirming each assort
Condition of switchgear	7	Checked for operatability beid & Earling Checked.
Operation of switchgear	1	all operational only oil levels checked ect
Danger – Do Not Operate tags	4	all filted to correct aparalis Dit + RUT
Electrical test instruments	4	Modi in test. The tested = aparatis for isolations - Earths checked = in thate
Safety observer	1	as a switch group with certified swop a trainers
Work permit	4	x J Eap all written & understood Isolation - Earlls + (Nork area Understood.

Practical observation checklist – assessment 4				
Item	Action/result required by the participant	S	NYS	
1	Ensured site safety requirements in place			
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing			
3	Selected and checked appropriate PPE prior to use	1		
4	Worked safely and complied with all safety requirements			
5	Carried out switching activities in accordance with the switching schedule			
6	Checked apparatus location and identification before and after each operation	4		
7	Inspected condition and status of apparatus and indicators before and after operation			
8	Used safe and appropriate testing procedures			
9	Fitted and removed danger tags as and where appropriate			
10	Communicated with program controller appropriately using clear and concise language			
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures			
12	Completed restoration steps			
13	Completed all tests and checks to ensure system back to normal			
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)			
15	Participated in a job debriefing session			
Assessor's comments: Satisfactory □ Not yet satisfactory □				
Partici	pant's comments:			
Assess	sor's signature:	Date:	8/10	
Partici	pant's signature:	Date:	· N-70	



## **Power Training Services WA**

Practical assessment

### Zone and terminal substation switching

Participant's name <u>Dauso DeAnkouss</u>	Employer Western Power.
Pay No. (if Western Power employee)	34.
Participant's comments	· · · · · · · · · · · · · · · · · · ·
Signature O de Angel	Date
PTSWA only	
1 TOWA City	
Practical assessment	
Satisfactory   Not Yet Satisfactory I	
Assessor's comments	
Assessor's name <u>Milibro</u>	MATT



#### Practical assessment

#### Assessment overview

There are four (4) off-the-job practical assessments for this course. Your assessor will advise the date and the time allocation for each of the assessments.

For each of the assessments the assessor will use an assessment checklist to determine satisfactory performance. If you require clarification about any of the tasks and/or the assessment checklist you should ask your assessor.

Your assessor may ask you additional questions to further assess your knowledge and/or ask you to attempt extra steps in the practical assessment to further assess your skills. Each question and your answer, and/or additional practical steps will be written down on your assessment paper and signed by your assessor as evidence.

#### Instructions

- For all tasks in this assessment, the assessor must possess the relevant minimum certifications, qualifications or licences relevant to the task being assessed.
- For all tasks in this assessment, the assessor must determine (by observation)
  if each task item is satisfactory (S) or not yet satisfactory (NYS). The assessor
  must:
  - o place a tick for each task item in the S or NYS column
  - at the completion of the assessment write comments in the assessor's comments section, sign and date the assessment.
- You must demonstrate all criteria in the assessment.
- You must demonstrate in the sequence indicated by the assessment. If it is not critical to demonstrate in the sequence indicated then the assessor may adjust the sequence.
- You must complete all documentation legibly.
- Before the assessment, the assessor must be satisfied the participant is familiar with appropriate safe-working practices relevant to this assessment.
- Before the assessment, the assessor must be satisfied the participant has the essential knowledge relevant to this assessment.
- The assessor must stop the assessment immediately if a safety requirement is breached or about to be breached.
- The assessor must stop the assessment if, in continuing the assessment, the outcome will impact negatively on ongoing safety or the operation of the apparatus or equipment.
- The assessor will provide you with feedback if you are satisfactory or not yet satisfactory.

#### Assessment appeals

The Power Training Services WA assessment appeals process is located within the Terms and Conditions at <a href="https://www.pts-training.com.au/">www.pts-training.com.au/</a>.

## Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	YES	GROUP DESCUSSION & WRAP
PPE	YES	LEVEL 1 PPE - SAFETY BOOTS RATEO GLOVES CHASS 3, LONG SLEENS SHEAT A LONG TROUSENS OLL PROE ROTALDENT. *
Substation access	405	CHISCHED IN, AS PER W/P
Keys/access tools	YES	THE CHECKED BUL HEY AVATIGALIS
Operating handles	YES	CHOCKED & READY TO USE. ALL BRAZOS IN GOED CONDITION.
Barriers and screens	NO	NOT REGULATION.
Danger – Do Not Operate tags High visibility sign	Yas	PRO WRETTIN DE POR SCHOOULE
Electrical test instruments	400	CHECUSO IN TEST DATE a WORLTNE.
Safety observer	NO	NOT REQUIRED.
Other works	NO	NO OTHER WORKS ON SETTE.
Work permit	1/05	PRO WROTTON AS PUR SCHODULG,
Earth sets	Yos	BRAZOS CHOCKED. ON . 7. 15/5

\* SAPUTY GLASSES, HOLMET.

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	YES	CHOCKED IN/CHOCKED OUT AS POR
		W/P PROCESOURSS.
Job risk analysis (WRAP)	YES	Croup RUVISU & DISCUSSION.
		AND SILNED.
Communication	YES	RTC NOTIFICO VIA PHONE; DISCUSSION WETH. AUTHORISED SWITCHING OF CRATOR AND DISCUSSION WITH CROW AT OTHER SUBS STATION.
PPE	405	LIVEL 1, SAPOTY BOOTS, PATION GLOUIS, CLASS 3 FR SHIRT & Thousons ALL LONG, SAFLITY GLASSOS. HOLMET
Switching schedules	YES	J20-112160-G FOLLOWED VIA
	+	TOWER PAD UNDER DEPUTEON OF ASO
Identification/location	YES	AS Pan Schools
Condition of switchgear	Ves	CHECKED - ALL IN COOP CONDETON.
Operation of switchgear	405	CROUP OPENATIONS WETH MULTIPLE
Danger – Do Not Operate tags	455	DANGER TALS ATTACHED AS PER
Electrical test instruments	•	SCHOOLLE & LONFINNOD.
Electrical test instruments	YES	PROUTOUR BY ASO CHECKER &
Safety observer		
Work permit	405	EAP FILLED IN AS POR GROUP
	703	DISCUSSION IO + RIC SIGNODON a OFF.

Participant's name: Davas Da Ances S

Practical observation checklist – assessment 4					
Item	Action/result required by the participant	S	NYS		
1	Ensured site safety requirements in place				
2	Job risk assessment process followed:  Read and selected Golden Safety Rules  Information entered into workplace risk assessment plan (WRAP)  Participated in job briefing				
3	Selected and checked appropriate PPE prior to use	,			
4	Worked safely and complied with all safety requirements				
5	Carried out switching activities in accordance with the switching schedule				
6	Checked apparatus location and identification before and after each operation				
7	Inspected condition and status of apparatus and indicators before and after operation				
8	Used safe and appropriate testing procedures				
9	Fitted and removed danger tags as and where appropriate				
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Assessor's comments: Satisfactory   Not yet satisfactory					
Participant's comments:					
Assessor's signature:					
Participant's signature: Date: 7-8-20					

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# Practical assessment 1 – Zone substation transmission switching

#### Part A: Plan transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. V 1 J20-116120-5-

Planning	Yes/No	Action
Network diagrams	4	Diagram will isolations - Earth Points Marked
Transformer MVA rating	NA	Completed By Mall Misto
AVR	AIG	" "
Interconnection points	10/14	11 11 11
Points of isolation	IVA	11 11
Program earths	AIR	11
Customer supply interruption	NA	11 11 11
eNAR	414	11 11 11
Switchgear capabilities	NA	r 11 11
Site visit	7	Scoped on 27.7.2020 (Leck lore access - assetts
Electrical test instruments	AJU	Completed By Mall Migro
Work permits	4/11	1, 12, 10
Operating agreement	AVA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

\*

# Practical assessment 1 – Zone substation transmission switching

#### Part B: Prepare transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Preparation	Yes/No	Action
Job risk analysis (WRAP)	1	Completed - DISCUSSED
		WIL Crew 28.7.2020-
PPE	M	Equipment Prepared
	1	+ Ready LI + LL
Substation access	y	9
	l	l all all all
Keys/access tools	11	Scoped + checked
Operating handles		27-7.2020
Operating nandles	7	
Barriers and screens	M	on site on
	- Contraction of the Contraction	
Danger – Do Not Operate tags	4	Pre written Pet
High visibility sign		sciedule with spares
	1	in case of charge
Electrical test instruments	4	in date - Tested
0.51	and the second	C. Maria C.
Safety observer	1	SWHELING AS group with qualified of Certified Trainer & Swot
Other works	l l	Trainer + SWO!
Culoi Works	NA	
Work permit	V	Pre writted as per
		Pre writted as per switch schedule on site
Earth sets	1	on site
	į.	in ane

# Practical assessment 1 – Zone substation transmission switching

#### Part C: Perform transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	1	Meet on sile with key toblers
Job risk analysis (WRAP)	7	read + understood by an
Communication	1	clear & concise when switch tasks carried out
PPE	1	Switch fasks carried out LI+L 41-40 cal parts, Jacket mood boods - Rated gloves
Switching schedules	1	V1-J20-116120-5
Identification/location	1	Clear and conciseds follow S- frogramme
Condition of switchgear	- Commences	Checked before use
Operation of switchgear	1	all checked appeared
Danger – Do Not Operate tags	1	Pre prepared - filled
Electrical test instruments	1	In test
Safety observer	1	Uth certified Swop , Trainer
Work permit	1	= listed.

#### Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part A: Plan to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Switching schedule No. 520-125090-9
28/7/20 CAP BANK C53

a :	V (N	T
Planning	Yes/No	Action
Network diagrams	Yes	Network diagrams printed of and marked up
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths	-	
Customer supply interruption		W
eNAR	NIA	performed by Matt Migro
Switchgear capabilities	*	
Site visit	Yes	Site visit completed on the 27/7/20
Electrical test instruments		
Work permits		
Operating agreement		p <sup>a</sup>

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

### Part B: Prepare to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Preparation	Yes/No	Action
Job risk analysis (WRAP)	Yes	group discossion and
PPE	Yes	level 1 safety boots safety glasses helmet
Substation access	Yes	check in as per western Power procedures
Keys/access tools	Yes	confirmed all leys are aviable and in cabnot
Operating handles	Yes	checked all available and in good condition
Barriers and screens	NO	not required
Danger – Do Not Operate tags High visibility sign	Yes	all Jonger tag pre written as per schedde
Electrical test instruments	Yes	checked in fest date
Safety observer	No	not required
Other works	Yes	other crew on site communicated with them
Work permit	1/25	pre writter as per Suitching schedule
Earth sets	Yes	check condition and in date & working

\* 7 cal shirts and ponts

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part C: Perform isolation of distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Perform #	Yes/No	Action	
Substation access	1/05	check in check out as per	
Job risk analysis (WRAP)	Yes	group review discussion	
Communication	Yes	Communicate with R.T.C. and with T.S.O	<i>(</i> -
PPE	1/05	level L	*
Switching schedules	Yes	Confirm J20-125690-9 and Version and steps on tough	pad **
Identification/location	Yes	confirm correct location and identification is correct	
Condition of switchgear	Yes	check gas levels and condition all good	
Operation of switchgear	Yes	opporated switch gear as a	nultiple times.
Danger – Do Not Operate tags	Yes		hedule
Electrical test instruments	Yes	modie work provided by 1:50 check conditition and in date	(
Safety observer	Yes	T.S.G to observe all switching Rotate within group	3
Work permit	Yes	E.A.P Filled out and cheked by T.S.O	

\* Total points tohirts long sleeve helmet boots glasses
40 cal hood, paints, Jacket, class 3 gloves

\* Followed under direction with T-S.O

D! .

ariante d'Agales (n. 1111 - 1120), que en 1911 - 19

### Practical observation checklist – assessment 2

Participant's name: Douto Do Angues

	Practical observation checklist – assessment 2			
Item	Action/result required by the participant	s	NYS	
1	Ensured site safety requirements in place			
2	Job risk assessment process followed:  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing			
3	Selected and checked appropriate PPE prior to use			
4	Worked safely and complied with all safety requirements		1	
5	Carried out switching activities in accordance with the switching schedule	/		
6	Checked apparatus location and identification before and after each operation			
7	Inspected condition and status of apparatus and indicators before and after operation	16)		
8	Used safe and appropriate testing procedures	, 0		
9	Fitted and removed danger tags as and where appropriate			
10	Communicated with program controller appropriately using clear and concise language			
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures			
12	Completed restoration steps			
13	Completed all tests and checks to ensure system back to normal			
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)			
15	Participated in a job debriefing session			
Assess	sor's comments: Satisfactory 🖂 Not ye	t satisfactory		
Particip	pant's comments:			
Assess	or's signature:	Date: 7	13/20	
Particip	pant's signature: A De Anack	Date: 7	8-20	

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#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. 12 J20-127450-5-ENAR 418833

Planning	Yes/No	Action
Network diagrams	1	Prepared with 1501ations Earthing Points 29-7-2020
Transformer MVA rating	AVA	flanned of Completed by Matt Migro
AVR	A/U	11. 1
Interconnection points	AIM	11 11
Points of isolation	NIA	11 11
Program earths	AN	11 11 11
Customer supply interruption	MA	11 11 11
eNAR	DIN	(1 )/
Switchgear capabilities	NIA	11 11 11
Site visit	NIA	11 1/ 1/
Electrical test instruments	NIA	1) // //
Work permits	AIM	1) / 1)
Operating agreement	AM	1) 11 11

## Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	У	Written a Prepared
	l	day before 29.7.2020
PPE		about to be were
1		10 and 1 1 20 20
	- I	organised Day before 29.7.2020 organised Keys to be
Substation access		organised Keys to be
	1 9	onside WAL Myligre - P.D
	1	0.316 PORT 10 101310 -1.0
Keys/access tools	1	Scoped day before 29-1-2020
	1 7	WHI Key in cabinets access
		given by May Mighe
Operating handles	4	Scoped day before 29-7-200
	1 1	all braid handles clear of obstruction
		POLITICION DE CIENT DE DESALVICTOR
Barriers and screens	M	checked and all on side
		In earth sted
Danger De Not Operate tage		0 01110 0000001
Danger – Do Not Operate tags	N	Pre written a preparel
High visibility sign		29.7.2020 spaces reach
		In case of change-
Clastical tast in structure at	4	La Contraction of the Contractio
Electrical test instruments	1	tested & in these
	,	Modi stickeleants
Safety observer		
Calcty observer	11/11	
	NIA	
Other works		
	AIN	
	11/21	
Work permit		the worthed with Isolations
•		* Ecitic Placements x 3
	-	
Earth sets	М	
	1	On side under 25 MUA
	1	

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#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	4	organised and Meet at SNR Checked in out with Matt Mistor with Keys after via Mabil access to cabined when an site of pook com
Job risk analysis (WRAP)	1	and during Day to suite works
Communication	4	Clear + concise when comunicated with control + Each other whilst switching + moving about youth
PPE	4	Rated and in test gloves  V2 720-12745019
Switching schedules	7	Read and under stood
Identification/location	14	Nalk thru again before switching began confirming each assort
Condition of switchgear	7	Checkeel for operatability
Operation of switchgear	1	all operational only on levels checked ect
Danger – Do Not Operate tags	4	all filted to correct aparalis Dit + RUT
Electrical test instruments	4	Modi in test. The tested apparatis for isolations - Earths checked - in date
Safety observer	7	certified SWOP & Trainers
Work permit	4	x 3 Eap all written & understood Isolation - Earths + Nork area Understood.



### Practical observation checklist – assessment 4

Participant's name: Daveo Defineres

	Practical observation checklist – assessment 4				
Item	Action/result required by the participant	S	NYS		
1	Ensured site safety requirements in place				
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing				
3	Selected and checked appropriate PPE prior to use				
4	Worked safely and complied with all safety requirements		)		
5	Carried out switching activities in accordance with the switching schedule	/			
6	Checked apparatus location and identification before and after each operation				
7	Inspected condition and status of apparatus and indicators before and after operation	1			
8	Used safe and appropriate testing procedures	18			
9	Fitted and removed danger tags as and where appropriate				
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Assessor's comments: Satisfactory   Not yet satisfactory					
Partici	pant's comments:				
Assess	or's signature:	Date:	18/16		
Particip	pant's signature: Ole Angel	Date: 7-	8-20		

# Practical assessment 3 – Terminal substation switching

## Part A: Plan to isolate a disconnector or circuit breaker for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching	schedule	No.
-----------	----------	-----

J20-113850-g. Eran 418767

Planning	Yes/No	Action
Network diagrams	Yes	Printed out + marked up co Part of Prep.
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation	-	
Program earths		₩
Customer supply interruption		
eNAR	Y	Submitted by Matt Magro 418767
Switchgear capabilities	*	
Site visit		
Electrical test instruments		
Work permits	_	
Operating agreement		

# Practical assessment 3 – Terminal substation switching

## Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	7	Crown Ofscussian + wrop
PPE	Y	Level FR Shirt + Trousers Sortely boots x glasses Class 3 rated offers
Substation access	Y	Sign in Sign but via
Keys/access tools	Y	Check Keys + twis available,
Operating handles	7	Check available + ready for cesc
Barriers and screens		<i>L</i>
Danger – Do Not Operate tags High visibility sign	Y	Denger Lags pore written as per Scheduler ore written as
Electrical test instruments	Y	Chiek available , test
Safety observer		
Other works		
Work permit	Y	discussion rasper schedule
Earth sets	7	Check . 7 Employ operational

# Practical assessment 3 – Terminal substation switching

## Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No		Action	
Substation access				
Job risk analysis (WRAP)		1		
Communication		n o		7
PPE				
Switching schedules	0			
Identification/location (	N			
Condition of switchgear	V			2
Operation of switchgear				
Danger – Do Not Operate tags				
Electrical test instruments				
Safet) observer				
Work permit				

### Practical observation checklist – assessment 3

Participant's name: Dauto Da Anciazs

Practical observation checklist – assessment 3						
Item	Action/result required by the participant S N					
1	Ensured site safety requirements in place					
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing					
3	Selected and checked appropriate PPE prior to use					
4	Worked safely and complied with all safety requirements					
5	Carried out switching activities in accordance with the switching schedule	A-				
6	Checked apparatus location and identification before and after each operation	1				
7	Inspected condition and status of apparatus and indicators before and after operation					
8	Used safe and appropriate testing procedures					
9	Fitted and removed danger tags as and where appropriate					
10	Communicated with program controller appropriately using clear and concise language					
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures					
12	Completed restoration steps					
13	Completed all tests and checks to ensure system back to normal					
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)					
15	Participated in a job debriefing session					
Assess	or's comments: Satisfactory □ Not yet	satisfactory				
Participant's comments:						
Assess	or's signature:  ant's signature:	Date:				
Particip	Date: 7-	8-20				

era de la companya de

### Practical assessment 4 - ZONE line switching

#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- · Complete the table with your comments.

Switching schedule No. PRACTICAL TASK 6 ON 30-07-20 \$20-113820-6

Planning	Yes/No	Action
Network diagrams	YES	PRINTED OFF & MARKEDUP
Transformer MVA rating	NO	NA
AVR	NO	NA
Interconnection points	NO	NA
Points of isolation	NO	REQUSTED 134 MATT MICHÓ
Program earths	NO	REQUESTED BY MATT MICAO
Customer supply interruption	100	NA
eNAR	NO	REQUITED BY MATT MIGAO
Switchgear capabilities	NO	
Site visit	YES	VISITED SITE 29.7.20
Electrical test instruments	YES	MODIWARK
Work permits	100	
Operating agreement	10	

<sup>\*</sup> No loss of customer supply

A STATE OF THE STA

¥

#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No.		
<b>3</b>	J20-112160-6	
29	8 - July - 2020.	Carlot a

Planning	Yes/No	Action
Network diagrams	Yes	PRENTUD OUT AND MARKED UP AS PART OF PREP
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths		
Customer supply interruption		
eNAR	NA	PERFORMED BY MATTMERD
Switchgear capabilities		
Site visit	1/05	SITE VISST COMPLUTED ON 27-7-20.
Electrical test instruments	1/05	MODEWAK
Work permits		
Operating agreement		

## Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	1/-	COMPLETED BY GROUP
	YES	AFTEL SITE VISIT.
PPE		BOOT'S LEVEL I PANT'S &
	YES.	SITIAT. RATED GLOVE TO THE
Substation access		LOG IN PROCEDURE
Substation access	YES	COURSED LOG BOOK
	11-3	FOLLOWED LOG-BOOK CHIECK IN & OUT
Keys/access tools	1	CHECK KEY BOOK
	YES	
Operating handles		CHECK BRAID'S
	YES	
Barriers and screens		CHECK ORAPGE FLACS
Darriers and screens	YES	CHECK CIGHEOF PEROS
	100	
Danger – Do Not Operate tags		MAGS WRITTED OUT
High visibility sign	YES	WITH THE COMPECT THEORY
		TO THE SWITCHTHE SCHEDUL
Electrical test instruments		()
G	YES	MODIWANK
Safety observer		NOT REQUILED FOR
Carety observer	No	
	700	PREP.
Other works	YES	NOTIFIED OTHER WORK
	765	PANTIES WE ALL ON STIE
Work permit	× 1 -	PREFILL OUT EAP.
	YES.	332731-H·
Earth sets		CHECKED EARTH IN
	YES	TEST.
		1657

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access		
Job risk analysis (WRAP)	-	
Communication		
PPE		
Switching schedules		2
Identification/location		
Condition of switchgear		5
Operation of switchgear		
Danger – Do Not Operate tags		
Electrical test instruments	7	
Safety observer	1	
Work permit	Q/	

#### Practical observation checklist – assessment 4

Participant's name: DAUTO DE ANCOUTS

	Practical observation checklist – assessment 4					
Item	Action/result required by the participant	S	NYS			
1	Ensured site safety requirements in place					
2	Job risk assessment process followed:  Read and selected Golden Safety Rules  Information entered into workplace risk assessment plan (WRAP)  Participated in job briefing					
3	Selected and checked appropriate PPE prior to use	1				
4	Worked safely and complied with all safety requirements					
5	Carried out switching activities in accordance with the switching schedule	b				
6	Checked apparatus location and identification before and after each operation					
7	Inspected condition and status of apparatus and indicators before and after operation					
8	Used safe and appropriate testing procedures					
9	Fitted and removed danger tags as and where appropriate					
10	Communicated with program controller appropriately using clear and concise language					
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures					
12	Completed restoration steps					
13	Completed all tests and checks to ensure system back to normal					
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)					
15	Participated in a job debriefing session					
Assessor's comments: Satisfactory Not yet satisfactory						
Participant's comments:						
Assess	Assessor's signature:					
Partici	Participant's signature: Date: 7-5-20					

### Part A: Plan to Isolate a disconnector or circuit breaker formaintenance/repair\* TLANSFEL & LOAD

- Group may discuss considerations using the table below.
- Complete the table with your comments.

\* No loss of customer supply

TASK 7

Switching schedule No.

PRACTICAL TASK 3.8.20; \$20-7361-L

Planning	Yes/No	Action
Network diagrams	YE.	Plinter out and makes up as another place
Transformer MVA rating	NB	NP
AVR	NO	2/9
Interconnection points	No	rin.
Points of isolation	10	NO ISOLATION POINTS RETURNED - AS PER ENTER WRITTEN BY WATT MAND
Program earths	NO.	NO GRETHING PONTS AS PER EVAR
Customer supply interruption	no	NO CUSTOMORS AFFERD BY OTRUE
eNAR	YES	eval 419588 without of men muito
Switchgear capabilities	No	COMPLETED BY MATE MICHE PLICE TO END TO ONLY ALL BUD TO BE ODERATED ALE FIT POR SERVICE
Site visit	les	SITE VISIT TO MIT SUB CONDITION FOR SWITCH COCRTION AND CONDITION
Electrical test instruments	№	NO TESTS REQUIRED.
Work permits	20	NO AGRINTIS REQUIRED FOR TASK LOOD TRANSPOR OVEY.
Operating agreement	100	NIA

Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair\* TRANSPER OF LORD

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	Yes	PLE WRITION FOR TADK APTER SITE VILIT, GROW DISCUSSION WHILST PRUND OUT.
PPE	163	SAPETY FOOTHER LAT 3 PATES CHOWS, HI UIS PRINTER POUTS, SAPETY CHOISES, HERMET
Substation access	465	CHECK IN CHECK OUT PROCESS FOLLOWED LOCK BOOK FLUOR IN
Keys/access tools	No	NO. NEMS, USED TRAINERS TO RICESS DECEMINAL. CHETUED KEY BOX
Operating handles	YES	EQUIPOTIONTIAL BONDING IN GOOD OCOSE
Barriers and screens	170	NO SCROPTS (BARRIES REDUCED).
Danger – Do Not Operate tags High visibility sign	140	no was beauting are work
Electrical test instruments	No	NO TESTING REQUIED FOR
Safety observer	ela D	NOT LEQUISED ER PLEP WOLK
Other works	No	NO OTHER WORK GROVE IN
Work permit	1/0	AM
Earth sets	No	<i>~</i> 1 <i>a</i> .

### Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair\* That FEL & LONG.

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	463	LOG BOOK FILED OUT
Job risk analysis (WRAP)	463	PLE FILES WEAR PINISHED TO SHOW CONDITIONS OF THE DAM, THE WESSED WITH TSO FOR ALM OTHER HAZZAROS.
Communication	KS	TSO COMMUNICATION WITH BTC AS SOB LOW CATE FOR OIL TO PROCESSED.
PPE	43	BU PAE USTED IN PRED USED FOR SUTTEMINE TROOK
Switching schedules	YES	720-7361-0700-1000; LAN LATE DE TO 150 HOLD OF AT PLENTEDS 200 OK FROM BTC / ALTINO TO STILL CARRY OUT WORK
Identification/location	५८३	SCORED PLIER TO SWITCHING RR DWO LOCATIONS
Condition of switchgear	res	SCOPED PLIOR TO SWITCHING FOR DISO CONDITIONS & BOM FRUITS THAT GUED PREVENT TASKS.
Operation of switchgear	ves	OPERATION SOCIAL THEIR OF DISC.
Danger – Do Not Operate tags	20	NOT REQUIRED FOR THE TASK
Electrical test instruments	NO	NOT LEGUIRES FOR THIS TRUK
Safety observer	405	loters Theorem Gloup
Work permit	NB	NO REEMERS REQUIRES.

#### Practical observation checklist – assessment 3

Participant's name: Daviso Da Anciores

Item	Action/result required by the participant			
4	Acutivitesuit required by the participant	S	NYS	
I	Ensured site safety requirements in place			
2	Job risk assessment process followed:  Read and selected Golden Safety Rules  Information entered into workplace risk assessment plan (WRAP)  Participated in job briefing			
3	Selected and checked appropriate PPE prior to use			
4	Worked safely and complied with all safety requirements			
5	Carried out switching activities in accordance with the switching schedule			
6	Checked apparatus location and identification before and after each operation			
7	Inspected condition and status of apparatus and indicators before and after operation			
8	Used safe and appropriate testing procedures			
9	Fitted and removed danger tags as and where appropriate			
10	Communicated with program controller appropriately using clear and concise language			
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures			
12	Completed restoration steps			
13	Completed all tests and checks to ensure system back to normal			
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)			
15	Participated in a job debriefing session			
Assessor's comments: Satisfactory  Not yet satisfactory				
Participant's comments:  Assessor's signature:  Participant's signature:  Date: 7-8-20				

#### Part A: Plan to isolate a disconnector or circuit breaker for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. J20-117190-9 ENAR 419620

Planning	Yes/No	Action
Network diagrams	YES	CHECKED FOR ACCURACY AND RELEVANCE.
Transformer MVA rating	ρo	
AVR	No	
Interconnection points	YES	CHECKED BY MATT MIGRO PAUL DUORAK.
Points of isolation	YES	CHECKED BY MATT MIGRO FAUL DUORAK.
Program earths	Yes	CHECKED BY MATT MIGRO BOOD DUODAK.
Customer supply interruption	No.	
eNAR	1/55	RAISED BY MATT MIGRO 3/30120.
Switchgear capabilities	70	
Site visit	YES	Scoping visit Conducted Probam Stepped Through EQUIPMENT CHECKED SERVICEABLE.
Electrical test instruments	YES	MODIEWARK TESTER OBTAINED REPLACEMENT / BACK OP BURGED.
Work permits	YES	EAP REQUESTED IN ENAR.
Operating agreement	No	

### Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

		7
Job risk analysis (WRAP)	Yes	EDBETATION LAMP BOOK SOURCED.
PPE	Yes.	LONG SLEEVED CAT I SHIFT   TROUSERS BAFTLY BOOTS   GLASSES; HELMET BATED CLASS 3 GLOVES + CUTERS.
Substation access	465	CHECK AUTHORISATIONS IN CONQUANCE TOOL.
Keys/access tools	YES	SUBSTATION NEYS CHECKED.
Operating handles	Yes	CHECKED SCRUICEABLE AND IH PLACE.
Barriers and screens	YES	CHECKED SERVICEABLE AND ON SITE .
Danger – Do Not Operate tags High visibility sign	Yes	PRE WRITTEN AND CHECKED
Electrical test instruments	YES	MODIEWARK TESTER CHECKED
Safety observer	YES	BRIEFED AND ON SITE.
Other works	YES	CONFLICTS DISCUSSED.
Work permit	Yes.	EAP PROOK OBTAINED .
Earth sets	705	CHECKED IN DATE AND SERVICEABLE.

Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	YOS	SUBSTATION KEYS USED WA TEXT.
Job risk analysis (WRAP)	YES	SUBSTATION WRAP WRITTEN/CHECKED AND CONAETED.
Communication	YES	MOBILE SLITCHING USED BIC CONTACTED. ALL WORK PARTY MEMBERS BRIEFED.
PPE	YES.	LENG SLEEDED CATI SHIRT/LONG TAOUSERS, SAFETY BOOTS SAFETY GLASSES, RATED CLASS 3 GLOUDS AND OUTERS.
Switching schedules	YES.	J20-117190-9 COMMETED.
Identification/location	YES	ALL SUITCHING LOCATIONS, CHECKED AND UERIFIED PRIOR 70 OPERATION
Condition of switchgear	YES	ALL SLITCHGEAR CHECKED COARECT AND SERVICEABLE PRIOR TO 11)SE.
Operation of switchgear	YES	ALL SUTTCHGEAR OPERATION IALL SWITCHGEAR MANUACE POPERATING PROCEEDURES.
Danger – Do Not Operate tags	YES	PREFILLED DANGERTAGS ATTACHED GERECTLY TO RELEVANT EQUIPMENT AND REMOVED AS DIRECTED.
Electrical test instruments	YES	TEST MODIE, PROCECT, TEST MODIE. CONFIRMED GERUICEABLE (GARECT-
Safety observer	YES.	WORK CONDUCTED SAFELY.
Work permit	YES	EAP 334721-L CORRECTLY WAITTEN (18500) (ANGLED. 1AW GOP 145. RYAN DICKERS RIC (AUTHORISED).

#### Practical observation checklist – assessment 3

Participant's name: Dauso DuAncus

	Practical observation checklist – assessment 3					
Item	Action/result required by the participant	S	NYS			
1	Ensured site safety requirements in place	/	***************************************			
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing	/				
3	Selected and checked appropriate PPE prior to use					
4	Worked safely and complied with all safety requirements	-				
5	Carried out switching activities in accordance with the switching schedule	/				
6	Checked apparatus location and identification before and after each operation	/				
7	Inspected condition and status of apparatus and indicators before and after operation	An				
8	Used safe and appropriate testing procedures	( \				
9	Fitted and removed danger tags as and where appropriate					
10	Communicated with program controller appropriately using clear and concise language					
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures					
12	Completed restoration steps	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal					
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)	/				
15	Participated in a job debriefing session	/				
Assessor's comments: Satisfactory 🗵 Not yet satisfactory 🗆						
Participant's comments:						
Assess	Assessor's signature: Date: 7-8 2					
Partici	Participant's signature: Date: 9-8-20					

.



### **Power Training Services WA**

Practical assessment

#### Zone and terminal substation switching

Participant's name MARC CHANIR	ELL_ Employer_W.P.C		
Pay No. (if Western Power employee) 110151			
Participant's comments			
Signature	Date 6-8-20		
PTSWA only			
Practical assessment			
Satisfactory D Not Yet Satisfactory D			
Assessor's comments			
Assessor's name ///////	Most		
Assessor's signature			

PTS 862 – Zone and terminal substation switching

#### **Practical assessment**

#### Assessment overview

There are four (4) off-the-job practical assessments for this course. Your assessor will advise the date and the time allocation for each of the assessments.

For each of the assessments the assessor will use an assessment checklist to determine satisfactory performance. If you require clarification about any of the tasks and/or the assessment checklist you should ask your assessor.

Your assessor may ask you additional questions to further assess your knowledge and/or ask you to attempt extra steps in the practical assessment to further assess your skills. Each question and your answer, and/or additional practical steps will be written down on your assessment paper and signed by your assessor as evidence.

#### Instructions

- For all tasks in this assessment, the assessor must possess the relevant minimum certifications, qualifications or licences relevant to the task being assessed.
- For all tasks in this assessment, the assessor must determine (by observation)
  if each task item is satisfactory (S) or not yet satisfactory (NYS). The assessor
  must:
  - o place a tick for each task item in the S or NYS column
  - at the completion of the assessment write comments in the assessor's comments section, sign and date the assessment.
- You must demonstrate all criteria in the assessment.
- You must demonstrate in the sequence indicated by the assessment. If it is not critical to demonstrate in the sequence indicated then the assessor may adjust the sequence.
- You must complete all documentation legibly.
- Before the assessment, the assessor must be satisfied the participant is familiar with appropriate safe-working practices relevant to this assessment.
- Before the assessment, the assessor must be satisfied the participant has the essential knowledge relevant to this assessment.
- The assessor must stop the assessment immediately if a safety requirement is breached or about to be breached.
- The assessor must stop the assessment if, in continuing the assessment, the outcome will impact negatively on ongoing safety or the operation of the apparatus or equipment.
- The assessor will provide you with feedback if you are satisfactory or not yet satisfactory.

#### **Assessment appeals**

The Power Training Services WA assessment appeals process is located within the Terms and Conditions at <a href="www.pts-training.com.au/">www.pts-training.com.au/</a>.

## Practical assessment 1 – Zone substation transmission switching

#### Part A: Plan transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. 320 - 116120 - 9

Planning	Yes/No	Action
Network diagrams	Yes	printed of Diagrams
Transformer MVA rating	NA	
AVR	NA	
Interconnection points	NA	
Points of isolation	MA	
Program earths	NIA	
Customer supply interruption	NIA	
eNAR	NIA	
Switchgear capabilities	NA	
Site visit	Yes	visit site to check Job out day before & check Earths Modie work
Electrical test instruments	Yes	modie work
Work permits	NA	
Operating agreement	MA	

# Practical assessment 1 – Zone substation transmission switching

#### Part B: Prepare transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Preparation	Yes/No	Action
Job risk analysis (WRAP)	Yes	wrap filled out
PPE	Yes	Level 4 40cal hood jetlest Ports gloves
Substation access	Yes	Check in AS per class 3 Wester Power
Keys/access tools	Yes	Keys for the Job one there
Operating handles	Yes	Check all is good Braides & Earthing
Barriers and screens	Yes	check borriers are
Danger – Do Not Operate tags High visibility sign	Yes	Filled out with correct info
Electrical test instruments	Yes	modie work in test
Safety observer	NA	
Other works	MA	
Work permit	MA	
Earth sets	Yes	date and good conditions

# Practical assessment 1 – Zone substation transmission switching

#### Part C: Perform transformer maintenance\*

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	1/05	Check in as a group As per western Power rules
Job risk analysis (WRAP)	Yes	wrap filled out and all Signed on as a group
Communication	Yes	of all times with B. T.C and Stritcher
PPE	Yes	level 4 40 cal hood Sadat parts class 3 glove
Switching schedules	Yes	confirm schedule is correct an virsion confirm each step on tough Pad
Identification/location	Yes	check that at correct location or identification is correct
Condition of switchgear	Yes	check conditition of switch open braides must earthing
Operation of switchgear	Yes	correct operation confirmed has apand a closed
Danger – Do Not Operate tags	Yes	Attach all changer tags
Electrical test instruments	Yes	Modie work
Safety observer	Yes	TSO to be observing at all times.
Work permit	Yes	EAP is fill out correct and all signed on -

#### Practical observation checklist – assessment 1

Participant's name: MACC CHANTRELL

	Practical observation checklist – assessment 1				
Item	Action/result required by the participant	s	NYS		
1	Ensured site safety requirements in place				
2	Job risk assessment process followed:  Read and selected Golden Safety Rules  Information entered into workplace risk assessment plan (WRAP)  Participated in job briefing				
3	Selected and checked appropriate PPE prior to use				
4	Worked safely and complied with all safety requirements	//			
5	Carried out switching activities in accordance with the switching schedule				
6	Checked apparatus location and identification before and after each operation				
7	Inspected condition and status of apparatus and indicators before and after operation				
8	Used safe and appropriate testing procedures				
9	Fitted and removed danger tags as and where appropriate	(1)			
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Assessor's comments: Satisfactory  Not yet satisfactory  Participant's comments:					
Asses	Assessor's signature:				
Partic	Participant's signature: Mc Date: 6/8/20				

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part A: Plan to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Switching	echad	1110	No
OWILCITIII	301100	uic	INO

2		
Planning	Yes/No	Action
Network diagrams		
Transformer MVA rating		
AVR	\	
Interconnection points		
Points of isolation		
Program earths		
Customer supply interruption		
eNAR		
Switchgear capabilities	9 0	
Site visit		
Electrical test instruments		
Work permits	Ψ,	
Operating agreement		

### Part A: Plan to isolate a disconnector or circuit breaker for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

	2 12 12 12	200
Switching	cohodulo	NIO
SWILCHING	Scriedule	INU.

J20-113850-g. Eran 418767

Planning	Yes/No	Action
Network diagrams	445	Printed out + maked up as Part of Prep.
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths		
Customer supply interruption		
eNAR	Y	Submitted by Moth Magro 418767
Switchgear capabilities		
Site visit	,	
Electrical test instruments	9	
Work permits		
Operating agreement		

### Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	7	Crown Ofscussian + whop
PPE	Y	Level FR Shirt + Trousers Sortely boots + glasses Class 3 rated Others
Substation access	Y	Ago.
Keys/access tools	Y	cheek keys + twis available,
Operating handles	7	Check available + ready for cesc.
Barriers and screens		
Danger – Do Not Operate tags High visibility sign	Y	Donger tags prewritte as per Schedule
Electrical test instruments	Y	Chiel contrastes test
Safety observer		
Other works		
Work permit	Y	discussion + as per schedule
Earth sets	7	Check . 7 Emliny operational

2

e e

Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access		
Job risk analysis (WRAP)		
Communication		100
PPE		
Switching schedules	0	
Identification/location	N	
Condition of switchgear	V	
Operation of switchgear		
Danger – Do Not Operate tags		
Electrical test instruments		
Safetyobserver		
Work permit		

\*

#### Practical observation checklist – assessment 3

Participant's name: MARC CHANTREC

Practical observation checklist – assessment 3					
Item	Action/result required by the participant	s	NYS		
1	Ensured site safety requirements in place				
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing				
3	Selected and checked appropriate PPE prior to use				
4	Worked safely and complied with all safety requirements	1			
5	Carried out switching activities in accordance with the switching schedule				
6	Checked apparatus location and identification before and after each operation	//			
7	Inspected condition and status of apparatus and indicators before and after operation	1			
8	Used safe and appropriate testing procedures				
9	Fitted and removed danger tags as and where appropriate	11			
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal		¥		
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Assessor's comments: Satisfactory □ Not yet satisfactory □					
Participant's comments:					
Assess	Assessor's signature: Date: 68 W				
Partici	Participant's signature: Me Date: 6/8/20				

2.1

### Part A: Plan to isolate a disconnector or circuit breaker for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No. J20-117190-9 ENAR 419620

Planning	Yes/No	Action
Network diagrams	YES	CHECKED FOR ACCURACY AND RELEVANCE.
Transformer MVA rating	,Do	
AVR	No	
Interconnection points	YES	CHECKED BY MATT MIGRO PAUL DUORAIK.
Points of isolation	YES	CHECKED BY MYTT MIGRO FAUL DUORAK.
Program earths	Yes	CHECKED BY MITT MIGRO PAOX DUORAK.
Customer supply interruption	₩.	
eNAR	705	RAISED BY MATT MIGRO 3130120.
Switchgear capabilities	70	
Site visit	YES	Scoping visit Conducted Probam Stepped Through EQUIPMENT CHECKED SERVICEABLE.
Electrical test instruments	YES	MODIEWARE TESTER OBTAINED.  REPLACEMENT / BACK OF SOURCED.
Work permits	YES	EAP REQUESTED IN ENAR.
Operating agreement	No	

# Practical assessment 3 – Terminal substation switching

### Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	Yes	SUBSTATION LAMP BOOK SOURCED.
PPE	Yes.	LONG SLEEVED CAT I SHIRT   TROUSERS BAFTLY BOOTS   GLAGSES; HOLMET BATED CLASS 3 GLOVES + OUTERS.
Substation access	405	CHECK AUTHOURISATIONS IN COMPLIANCE TOOL.
Keys/access tools	YES	SUBSTATION NEYS CHECKED.
Operating handles	Yes	CHECKED SERVICEABLE AND IH PLACE.
Barriers and screens	YES	CHECKED SERVICEABLE AND ON SITE.
Danger – Do Not Operate tags High visibility sign	Yes	PRE WRITTEN AND CHECKED
Electrical test instruments	YES	MODIEWARK TESTER CHECKED .
Safety observer	YES	BRIEFED AND ON SITE.
Other works	YES	CONFLICTS DISCUSSED.
Work permit	Yes.	EAP BOOK OBTAINED .
Earth sets	705	CHECKED IN DATE AND GERVICEABLE.

# Practical assessment 3 – Terminal substation switching

### Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair \*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	YOS	SUBSTATION KEYS USED
	105	WP LOGIN BYSTEM USED UIA TEXT.
Job risk analysis (WRAP)	YES	SUBSTATION WAAP WRITTEN/CHECKED
-	(()	AND CONAETED.
Communication	YES	MOBILE SUITCHIHG USED BIC CONTACTED.
	100	ALL WORK PARTY MEMBERS BRIEFED.
PPE	1100	LONG SUBERED CATI SHIRT/ LONG TROUSERS, SAFETY BOOTS SAFETY GLOSSES, RATED CLASS 3 GLOVES AND OUTERS.
	YES.	SAFETY GIAGGES, RATED CLASS 3 GEOGRAUD OUTERS.
Switching schedules	24.0	320-117190-9 Connered.
100	YES.	
Identification/location		ALL SLITCHING LOCATIONS CHECKED
		AND UERIFIED PRIOR TO GREKATION
Condition of switchgear	1.6	ALL SWITCHGEAR CHECKED ROBRECT
	45	AND SERVICEABLE PRIOR TO USE.
Operation of switchgear		ALL SWITCHGEAR OPERATED 124
	YES	GWITCHGEAR MANDACS OPERATING PROCEEDURES.
Danger – Do Not Operate tags		PREFILLED DANGERTAGS ATTIKHED GORRECTLY TO RELEVANT EQUIPMENT AND REMOVED AS DIRECTED.
	YES	BN 30 JEHIHG SHEDULE.
Electrical test instruments		TEST MODIE, PROCE CCT, TEST MODIC.
	YES	CONFIRMED SCRUKEABLE (GORRECT -
Safety observer		EACH MEMBER BRIEFED/ATTENTIVE.
	YES.	WORK CONDUCTED SAFECY.
Work permit	1/-0	EAP 334721-L GRARGILY WAITTEN BSUED/CANGLED.
	YES	1AW GOP 145. RYAN DICKERS RIC (AUTHORISED).

Participant's name: MARC CHANTRELL

Practical observation checklist – assessment 3					
Item	Action/result required by the participant	S	NYS		
1	Ensured site safety requirements in place	/			
2	Job risk assessment process followed:  Read and selected Golden Safety Rules  Information entered into workplace risk assessment plan (WRAP)  Participated in job briefing	/			
3	Selected and checked appropriate PPE prior to use	/			
4	Worked safely and complied with all safety requirements	/			
5	Carried out switching activities in accordance with the switching schedule	/			
6	Checked apparatus location and identification before and after each operation	/			
7	Inspected condition and status of apparatus and indicators before and after operation				
8	Used safe and appropriate testing procedures	A/			
9	Fitted and removed danger tags as and where appropriate				
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session	/			
Assessor's comments: Satisfactory   Not yet satisfactory					
Participant's comments:					
Asses	sor's signature:	Date: 6	8/20		
Participant's signature: Me Date:6/8/20					

# Practical assessment 3 – Terminal substation switching

### Part A: Plan to Isolate a disconnector or circuit breaker formaintenance/repair\* TLANSFEL & LORD

- Group may discuss considerations using the table below.
- · Complete the table with your comments.

\* No loss of customer supply

TASY

Switching schedule No.

PRACTICAL TASK 3.8.20; 520-7361-L

Planning	Yes/No	Action
Network diagrams	Ye.	PLINTON OUT AND MARKES UP AL ANOTOR PLOP
Transformer MVA rating	NB	7)2
AVR	NO	NA
Interconnection points	No	rin.
Points of isolation	10	NO ISOLATION POINTS RETURNED - AS ARE ENTRE WRITTON BY WATT MICHO
Program earths	No	NO GRETING PONTS AS FOR EVAL
Customer supply interruption	no	NO CUSTOMBES AFFERED BY STRUE
eNAR	ves	enal 419588 written of mat micro
Switchgear capabilities	No	TO ONLY AN ALLO TO BE ODGENTES ARE FOR POR SERVICE
Site visit	Hes .	STIE VISIT TO ANT SUB CONDITION FOR SWITCH COCRTION AND CONDITION
Electrical test instruments	№	NO TESTS PEDWIPED.
Work permits	20	NO ROLINTIS REQUIRED FOR TASK
Operating agreement	1,00	NIA

A STATE OF THE STA

# Practical assessment 3 – Terminal substation switching

Part B: Prepare to isolate a disconnector or circuit breaker for maintenance/repair\* TRANSPER OF LOND

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	YES	PRE WRITION FOR TADK AFTER SITE VILIT, GROUP DISCUSSION WHILET PRINCE OUT
PPE	163	SAPETY FOOTHER LAT 3 PATES CHOWS, HI UIS FRANKE PAUTS, SAFETY CHOSES, HERMET
Substation access	765	CHECK IN CHECK OUT PROCESS FOLLOWED LOCK BOOK FLUOR IN
Keys/access tools	70	NO. KMS, USED TRAINERS TO ALLESS DECMINAL. CHETUED KEY BOX
Operating handles	YES	EQUIPOTENTIAL BONDING IN GOOD OCCUPE
Barriers and screens	10	NO SCROPUS (BARRIERS REDUCED).
Danger – Do Not Operate tags High visibility sign	110	no was beaution are work
Electrical test instruments	No	NO TESTIMU REGISTED FOR TASK
Safety observer	eta D	NOT LEQUISED RR PLEP WOLK.
Other works	No	NO OTHER WORK GROVE IN
Work permit	170	Ma
Earth sets	NO	N/a.

# Practical assessment 3 – Terminal substation switching

Part C: Perform isolation of a disconnector or circuit breaker for maintenance/repair\* Than FER SP LOND.

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action		
Substation access	463	CHELL IN CHELL OUT PROJECTIES POLICIES LOCK BOOK FILED OUT		
Job risk analysis (WRAP)	467	PLE FILLES WEAR PINICHED TO SHOW CONDITIONS OF THE DAY, THE WESTER WITH TSO FOR ANY OTHER HAZZAROS.		
Communication	163	TSO COMMUNICATION WITH BTC AS SOB LOW CATE FOR OIL TO PROCESSED.		
PPE	43	BUT PRE USTED IN PRED USED FOR SWITCHING TROOK		
Switching schedules	YES	J20- 7361 - 0300-1000; LAN LAND WE TO TSO HOLD UP AT PLENTED 30B OK FROM BTE / ALTMO TO STILL CARRY OUT WORK		
Identification/location	v3	DWO LOCATIONS		
Condition of switchgear	res	SCOPED PLIDE TO SWITCHME POR ULD CONTRIBUTIONS & BOTH FRANCIS THAT CHULD PREFERRY TASKS.		
Operation of switchgear	tes	OPERATED SENCER THES & DISO, CHELLED FUL COMPLETE OPERATION OF BALLY STEP		
Danger – Do Not Operate tags	20	NOT REQUISES FOR THIS TASK		
Electrical test instruments	100	NOT LEGUIRES FOR THIS TRAIK		
Safety observer	405	POTETES THEOLEN GLOUP		
Work permit	ND	NO REEMIS REQUIRES.		

Participant's name: MARC CHANTRELC

	Practical observation checklist – assessment 3					
Item	Action/result required by the participant	s	NYS			
1	Ensured site safety requirements in place					
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing					
3	Selected and checked appropriate PPE prior to use	//				
4	Worked safely and complied with all safety requirements	/				
5	Carried out switching activities in accordance with the switching schedule					
6	Checked apparatus location and identification before and after each operation					
7	Inspected condition and status of apparatus and indicators before and after operation	AL				
8	Used safe and appropriate testing procedures					
9	Fitted and removed danger tags as and where appropriate	9				
10	Communicated with program controller appropriately using clear and concise language					
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures					
12	Completed restoration steps					
13	Completed all tests and checks to ensure system back to normal					
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)					
15	Participated in a job debriefing session					
Assessor's comments: Satisfactory □ Not yet satisfactory □						
Participant's comments:						
Assess	sor's signature:	Date:	3/10			
Participant's signature: ML Date: 6/8/20						

#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.

Switching schedule No. V2 J20-127450-5-ENAR 418833

Planning	Yes/No		Action
Network diagrams	1	Prepared wi Earthing Point	1.42 1501041025 45 29.7.2020
Transformer MVA rating	AVA	Planned	Matt Migro
AVR	N/A	,,	), 11
Interconnection points	AIA	11 //	, , , , ,
Points of isolation	AIM	// //	1/
Program earths	NA	11 17	
Customer supply interruption	MA	11	) ''
eNAR	AU	11 11	1/
Switchgear capabilities	NA	11 11	1)
Site visit	AM	1) 1)	1)
Electrical test instruments	NIA	11 11	
Work permits	AIU	() )	11
Operating agreement	AM	1) ))	1,

<sup>\*</sup> No loss of customer supply

### Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	И	Written a Prepared
		day before 29.7.2020
PPE	4	agar to be were
		organised Day before 29-7-2620
Substation access	V	organised Kays to be
		on site WAL Mylgre-P.D
Keys/access tools	. 1	conclected for giress
		given by Matt Might
Operating handles	V	Scoped day before 29.7-2020
	1 1	all braid handles clear of obstruction
Barriers and screens	11	checked and all on side
		In earth sted
Danger – Do Not Operate tags		Pre worked a preparel
High visibility sign		7-7-7-2020 spares reach
		in case of change-
Electrical test instruments	1	Pre worther & prepared 27.7.2020 spares reach in case of change- tested & in date
	1	Modi sticks, Early
Safety observer		
	AIN	
Other works	1.	
2	AN	1
Work permit	14	Pre worther with 150 letions
	"(	* FCLYF LIGGEWERLY X ?
Earth sets	У	
		On side under 25 MUA

\*

,

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	4	Organised and Meet at SNR Checked in our Will Matt Mistor with keys. after via Mobil access to cabinat
Job risk analysis (WRAP)	1	and during Day to suite works
Communication	4	Clear + concise when comunicated with control + Each other whilst switcher + moving about your LI clothing with sadety glassed
PPE	4	Rated and in test gloves V2 720-12745015
Switching schedules	7	Read and understood
Identification/location	14.	Walk thru again before switching began egalitming each assort
Condition of switchgear	7	Checkeel for operatability
Operation of switchgear	1	all operational only oil levels checked ect
Danger – Do Not Operate tags	1	all filted to correct aparalis Dit + RUT
Electrical test instruments	4	Modi in test. The tested apparatis for isolations - Earths checked - in date
Safety observer	7	certified SWOP & Trainers
Work permit	4	x J Eap all written & understood Isolation - Earths + Nork area Understood.

Participant's name: MARC CHANTRELC

	Practical observation checklist – assessment 4				
Item	Action/result required by the participant	s	NYS		
1	Ensured site safety requirements in place	/			
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing				
3	Selected and checked appropriate PPE prior to use	//			
4	Worked safely and complied with all safety requirements				
5	Carried out switching activities in accordance with the switching schedule				
6	Checked apparatus location and identification before and after each operation				
7	Inspected condition and status of apparatus and indicators before and after operation	h			
8	Used safe and appropriate testing procedures				
9	Fitted and removed danger tags as and where appropriate	W			
10	Communicated with program controller appropriately using clear and concise language				
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures				
12	Completed restoration steps				
13	Completed all tests and checks to ensure system back to normal				
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)				
15	Participated in a job debriefing session				
Asses	sor's comments: Satisfactory 🗹 Not ye	t satisfactory			
Partici	pant's comments:				
Assess	sor's signature:	Date:	18/10		
Partici	pant's signature:	Date: 6	8/20		



Produced by Western Power's Power Training Services WA (PTSWA)

Training Place, Jandakot WA 6164 | T: (08) 9411 7888 | F: (08) 9411 7887 | pts-training.com.au

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### Practical assessment 4 - ZONE line switching

#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No.

PRACTICAL TASK 6 ON 368.07.20

520-113820-g

Planning	Yes/No	Action
Network diagrams	YES	PRINTED OFF & MANKEDUP
Transformer MVA rating	No	NA
AVR	100	NA
Interconnection points	NO	NA
Points of isolation	NO	REQUSTED 134 MATT MIGHO
Program earths	NO	REQUISTED (BY MATT MICAO
Customer supply interruption	100	NA
eNAR	NO	REQUISTED BY MATT MICAO
Switchgear capabilities	No	
Site visit	YES	VISITED SITE 29.7.20
Electrical test instruments	YES	MODIWARK
Work permits	100	
Operating agreement	PO	

el

### Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	. /	COMPLETED BY GROUP
	YES	AFTEL SITE VISIT.
PPE	,	BOOT'S LEVEL I PANT'S &
	YES.	SITIAT. RATED GLOVE TO THE TASK. HELMENT.
Substation access	1/5	LOG IN PROCEDURE
	YES	FOLLOWED LOG-BOOK
Keys/access tools	1/10	CHECK KEY BOX
	YES	
Operating handles	1/50	CHECK BRAID'S
	YES	
Barriers and screens	. /	CHECK ORAPGE FLACS
	YES	
Danger – Do Not Operate tags		LAGS WRITTEN OUT
High visibility sign	YES	WITH THE OPPLECT INFORMATES
	•	TO THE SUSTENTING SCHEDUL
Electrical test instruments		
	YES	MODIWALK
Safety observer		NOT REQUIRED FOR
	No	PREP.
Other works	. (	NOTIFIED OTHER WORK
	YES	PANTIÉS WE ALE ON STA
Work permit		PREFILL OUT EAP.
	YES.	332731-H·
Earth sets	100	CHECKED EARTH IN
	YES	TEST.

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access		
Job risk analysis (WRAP)		
Communication		
PPE		
Switching schedules	re .	20/
Identification/location		11.
Condition of switchgear	1	2
Operation of switchgear		
Danger – Do Not Operate tags	$\cap$	
Electrical test instruments		
Safety observer	1/2	
Work permit	Q/	

Participant's name: MARC CHANTRELL

	Practical observation checklist – assessment 4		
Item	Action/result required by the participant	s	NYS
1	Ensured site safety requirements in place		
2	Job risk assessment process followed:  Read and selected Golden Safety Rules  Information entered into workplace risk assessment plan (WRAP)  Participated in job briefing		
3	Selected and checked appropriate PPE prior to use	/	
4	Worked safely and complied with all safety requirements		
5	Carried out switching activities in accordance with the switching schedule		
6	Checked apparatus location and identification before and after each operation		
7	Inspected condition and status of apparatus and indicators before and after operation	/	7
8	Used safe and appropriate testing procedures		
9	Fitted and removed danger tags as and where appropriate		
10	Communicated with program controller appropriately using clear and concise language	1	
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures	10	
12	Completed restoration steps /		
13	Completed all tests and checks to ensure system back to normal		
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)		
15	Participated in a job debriefing session		
Assess	or's comments: Satisfactory 🗀 Not ye	t satisfactory	
Particip	pant's comments:		
Assess	or's signature:	Date:	3/20
Particip	ant's signature: The	Date: 6	8/20

#### Part A: Plan to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Switching schedule No.	J20-	112160-9 28/07/20
Crar 41865	7	
Planning	Yes/No	Action
Network diagrams	Yes	Printed out + marked up as part of Pres
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths		LV
Customer supply interruption		
eNAR	Yes.	Submitted by Matt Magin
Switchgear capabilities		
Site visit	Yes	Site visit Constitled 27/07/20
Electrical test instruments		
Work permits		
Operating agreement		

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8.

### Part B: Prepare to isolate and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Job risk analysis (WRAP)	7	Crown Descussion + Wige
PPE	Y	Level 1 - Safety Shirt, trouserst Boots, Glasses, Class 3 rated gloves
Substation access	4	Sign in Sign out via pop.
Keys/access tools	Y	Chick Kan available in Cabnet.
Operating handles	7	Check ready to use, mount
Barriers and screens		ka la
Danger – Do Not Operate tags High visibility sign	7	Danger tags for written as Per Schidule
Electrical test instruments	Y	Checked + in date.
Safety observer		
Other works		
Work permit	Y	Prewritten as per scholule
Earth sets	Y	Charte checked + all inter date, Whiting parts checked
		Broads checked.

#### Part C: Perform isolation and earth a transmission line for maintenance/repair\*

- Group may discuss considerations using the table below.
- Complete the table with your comments.
- \* No loss of customer supply

Perform	Yes/No	Action
Substation access	Y	Sign + Sign out Approved as
Job risk analysis (WRAP)	Y	a group. Crown descussion + filled in
Communication	Y	RTC notified via phone call there between operators + Tough pand
PPE	Y	Level 1 FR Shi-t, Trousers, Safety boots or of glasses Class 3 rated Glores J20-112160-9, followed via
Switching schedules	4	tough pao. Toss
Identification/location	Y	Schedule.
Condition of switchgear	Y	All Switchgeart good Condition
Operation of switchgear	Y	Group operations multiple appratus.
Danger – Do Not Operate tags	4	Tags attached as perschedule.
Electrical test instruments	Y	founded by TSO chicked in derte.
Safety observer	9	
Work permit	Y	Exp filled in as group discussion IO+RIC signed on + off

Participant's name: MARC CHANTRELL

	Practical observation checklist – assessment 4		
Item	Action/result required by the participant	S	NYS
1	Ensured site safety requirements in place		
2	Job risk assessment process followed:  - Read and selected Golden Safety Rules  - Information entered into workplace risk assessment plan (WRAP)  - Participated in job briefing		
3	Selected and checked appropriate PPE prior to use	/	•
4	Worked safely and complied with all safety requirements	//	
5	Carried out switching activities in accordance with the switching schedule	./	
6	Checked apparatus location and identification before and after each operation	M	
7	Inspected condition and status of apparatus and indicators before and after operation		
8	Used safe and appropriate testing procedures		
9	Fitted and removed danger tags as and where appropriate	9	
10	Communicated with program controller appropriately using clear and concise language		
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures		
12	Completed restoration steps		
13	Completed all tests and checks to ensure system back to normal		
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)		
15	Participated in a job debriefing session		
Assess	sor's comments: Satisfactory 🗹 Not ye	t satisfactory	
Partici	pant's comments:		,
Assess	sor's signature:	Date:	18/20
Partici	pant's signature:	Date:6/	3/20

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part A: Plan to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- · Complete the table with your comments.

Switching schedule	e No. ≦	520-	125090-9
28/7/20	CAP	BANK	C53

Planning	Yes/No	Action
Network diagrams	Yes	Network diagrams printed of and marked up
Transformer MVA rating		
AVR		
Interconnection points		
Points of isolation		
Program earths		
Customer supply interruption		
eNAR	NIA	performed by Matt Migro
Switchgear capabilities	•	
Site visit	Yes	site visit completed on the 27/7/20
Electrical test instruments		
Work permits		
Operating agreement		

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part B: Prepare to isolate distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Preparation	Yes/No	Action
Job risk analysis (WRAP)	Yes	group discossion and Filled out
PPE	Yes	level i safety boots safety glasses helmet
Substation access	Yes	check in as per western Power procedures
Keys/access tools	Yes	confirmed all keys are aviable and in cabnot
Operating handles	Yes	checked all available and in good condition
Barriers and screens	NO	not required
Danger – Do Not Operate tags High visibility sign	Yes	all danger tag pre written as per schedde
Electrical test instruments	Yes	checked in fest date
Safety observer	No	not required
Other works	Ves	other crew on site communicated with them
Work permit	1/25	pre written as per Suitching schedule
Earth sets	Yes	check condition and in date & working

\* Teal shirts and ponts

# Practical assessment 2 – Indoor switchgear zone substation distribution switching

#### Part C: Perform isolation of distribution circuit breaker for maintenance

- Group may discuss considerations as listed in the table below.
- Complete the table with your comments.

Perform	Yes/No	Action		
Substation access	1/05	check in check out as per western Power procedure		
Job risk analysis (WRAP)	Yes	group review discossion		
Communication	Yes	Communicate with R.T.C. and with T.S.O		
PPE	1/05	level 1 level 4	*	
Switching schedules	Yes	Confirm J20-125690-9 and Version and steps on tough	pad *	*
Identification/location	Yes	confirm correct location and identification is correct		
Condition of switchgear	Yes	check gas levels and condition all good		
Operation of switchgear	Yes		nultiple	times.
Danger – Do Not Operate tags	Yes	Donger tags attached as per so Extra locks installed on shut		
Electrical test instruments	Yes	modie work provided by T-50 check conditition and in date	(	
Safety observer	Yes	Rotate within group	3	
Work permit	'les	E.A.P Filled out and cheken by T.S.O		

\* Total points thirts long sleeve helmet boots glasses
40 cal hood, paints, Jacket, class 3 gloves

\* Followed under direction with T-S.O

Participant's name: MARC CHANTREU

Naga ti	Practical observation checklist – assessment 2		
Item	Action/result required by the participant	S	NYS
1	Ensured site safety requirements in place		
2	Job risk assessment process followed:		
	Information entered into workplace risk assessment plan     (WRAP)		
	- Participated in job briefing	/	
3	Selected and checked appropriate PPE prior to use	//	
4	Worked safely and complied with all safety requirements	. /	
5	Carried out switching activities in accordance with the switching schedule		
6	Checked apparatus location and identification before and after each operation		
7	Inspected condition and status of apparatus and indicators before and after operation		
8	Used safe and appropriate testing procedures		
9	Fitted and removed danger tags as and where appropriate		
10	Communicated with program controller appropriately using clear and concise language	A	
11	Issued and cancelled work permits in conjunction with Network Operations/RIC/TIC using Western Power procedures		
12	Completed restoration steps		
13	Completed all tests and checks to ensure system back to normal		
14	Signed off and completed all requirements of the workplace risk assessment plan (WRAP)		
15	Participated in a job debriefing session		
	sor's comments: Satisfactory Not ye	et satisfactory	
Assess	sor's signature:	Date://	3/10
	pant's signature:	Date: 6/9	3/20