APPENDIX 'F' MANITOBA HYDRO SAMPLE JOB PLAN



JOB PLAN - ENGINEERING & CONSTRUCTION Underground Construction - Winnipeg

1. EMERGENCY RE	ECDONICE DI	ΛN					
			Emergency phor	ne numbers			
9 20 S How will you execute a rescue?			911 204-360-HELP (4 SCC: 204-474-33 VHF: 040	357) 369, 204-47 <i>4</i>	4-3007, 204-474-3		
		;	Spill Response no	o./FSO: Jeff	Breakey - 204-87	71-2003	
INOTOLICTICS		and and the state of the					La de Co
****		<u>iss and review the jol</u> Project name	b plan with the Work Order no.			r a change is introduced	d to the job.
2. CURRENT DATE	E						
CSC and Radio Chan	nnel Line or fee	eder Blocked Yes No		ective device	Blocking receive	d from Time Ph	none no.
3. HAZARD IDENT	TIFICATION I						
1. Mechanical	III IOATION L	2. E lectricity		3. G ravity		4. A pplicable	
1.1 Equipment failure 2.1 Lift 1.2 Lifting with a boom 1.3 Max work loads 2.4 Inc 2.5 St 2.6 St 2.7 AR 2.8 Clc FR		2.1 Live contact I 2.2 Live contact I 2.3 Induction/bac 2.4 Induction/bac 2.5 Static charge 2.6 Step potentia 2.7 ARC Flash pc 2.8 Clothing igniti FRC required 2.9 Lockout/Tago	3.1 Falling from a height 3.2 Falling objects 3.3 Falling structures 3.4 Rigging failure 3.5 Working over water 3.6 Working over water		t 4.1 Vehicular 4.2 Kenetic 4.3 Thermal 4.4 Chemical 4.5 Confined Space 4.6 Excavations 4.7 Vehicle or pedes 4.8 Underground Ut 4.9 Other, specify:	 4.1 Vehicular 4.2 Kenetic 4.3 Thermal 4.4 Chemical 4.5 Confined Space 4.6 Excavations 4.7 Vehicle or pedestrian traffic 4.8 Underground Utilities 	
Hand contact:	Incident energ		ARC flash bound	dany -		ARC Flash PPE Level -	
		···					
Hot stick Work:	Incident energ	jy -	ARC flash bound	dary -		ARC Flash PPE Level -	
4. JOB STEPS			MAJOR HAZARD		REQUIRED BARRIERS PPE: Minimum Hard Hat and Safety Footwear LIST ALL OTHER REQUIRED PPE including eyewear. FRC: Yes No		TIMES (LO/TO)
	REVIEWED BY	Y	DATE yyyy mm dd				,

5. HAVE WE CONSIDERED (It is critical that we make note of any changes that may occur during the work cycle)											
People	Procedures	Hardware/Equi	pment	Environment	Workers Affect on Environment						
Qualification of personnel	Limits of approach	Inspection of	of equipment	Environment checklist	Cause erosion						
Other work groups/	De-energize/Isolation of apparatus	Inspection	of tools & PPE	Underground locates	Release/spills						
contractors	Safety hold off/	Inspection	of vehicles	Weather conditions	(liquids/gases/solids) Waste disposal						
Effective Communication	Blocking required Switching orders	Condition o		Soil conditions/Shoring	liquids/solids)						
Worker fatigue	Adequate cover-up			Lighting conditions	Noise						
Pedestrian control	Grounding apparatus ar		00 0	Adjacent structures/	Fire						
	Work permit/	Adequate c	'	Vegetation	Species at risk (plant						
General public	Clearance to work Permit checklists (soft of	Specialized calibrated/to		Housekeeping	and animal) Disturbing waterways/						
Traffic control	confined space, etc.)	up-to-date		Emergency plan/ procedure							
Safety watcher	Review rescue procedu	res		Open excavations/	burial grounds						
	Spiking/Stethoscoping	ant		☐ Distractions and	Wildlife Habitat Bio Security						
	Gloves	Cut Hazards/Cut Resistant Interuptions									
WH	IAT ARE THE CHANGES?			HOW WILL THIS AFFECT	YOUR WORK?						
6. HUMAN ERROR REDUCTION TOOLS (Consider which HER Tools you need to safely execute task or Critical Steps)											
Stop When Unsure / Stop when unclear on tas			ocedure Use and Adherence		STAR Act / Review						
Questioning Attitude		Effective Commun	nication	· ·							
Identify confusion / doubt	/ uncertainty	Send message / parag	hrase back / ackr	nowledge							
7. PERSONS WORKING ON THE JOB											
Designated person in charge (Print Name):	Crew cell no.:		Designated person in cha (Signature):	rge	yyyy mm dd Date:						
Print Full Names of Crew Members:											
			_								
yyyy mm dd		Initial/Sig	n off for Tailbo	ard Discussion							
8. OTHER CREWS AND VISITORS Multi-crew job Cell											
Be aware of all work crev	No ili tile alea.	rdinator			phone:						
WHAT OTHER CREWS AF	IN CHARGE		HOW WILL THEIR JOB AF	FECT YOURS							
	shall read and sign your Pla	an. DATE		MODICELTE VIOLEND CLOSE OF	-F DATE						
WORKSITE V	yyyy mm dd	V	VORKSITE VISITOR SIGN OF	yyyy mm dd							