

Comprehensive Hazard Assessment

Work Activity	Related Activity	Hazards	Priority Ranking	Controls
DRILLING HOLES	IN METAL	AIRBOURNE PARTICLES DUST PARTICLES SLIP AND FALL	A	SAFETY GLASSES AT ALL TIMES WEAR DUST MASK ALWAYS BE ON SOLID SECURE PLATFORM
	IN CONCRETE	DUST PARTICLES AIRBOURNE PARTICLES SLIP AND FALL VIBRATION NOISE LEVEL	A	WEAR DUST MASK SAFETY GLASSES AT ALL TIMES ALWAYS BE ON SOLID SECURE PLATFORM WEAR GLOVES TO REDUCE VIBRATION WEAR HEARING PROTECTION
RUNNING OF CONDUITS	ON LADDERS	CONDITION SURFACE CONDITION HEIGHT OF LADDER	A	INSPECT LADDER BEFORE USE/ TAG OUT OF SERVICE IF DAMAGED MAKE SURE YOU ARE ON A SAFE LEVEL SURFACE USE PROPER HEIGHT LADDER TO AVOID OVER REACHING
	ON SCAFFOLD	FALL FROM HEIGHT CONDITION OF STRUCTURE	A	BE TRAINED IN USE OF AND WEAR FALL ARREST AT ALL TIMES INSPECT PERIODICALLY TO ENSURE INTEGRITY OF STRUCTURE
	ON SCISSORLIFT OR ZOOMLIFT	FALL FROM HEIGHT CONDITION OF LIFT OPERATION OF LIFT MOVING OF	A	BE TRAINED IN USE OF AND WEAR FALL ARREST AT ALL TIMES MUST HAVE ANNUAL INSPECTION CERTIFICATE AND DAILY VISUAL ONLY TO BE OPERATED BY CERTIFIED TRAINED PERSONEL BE AWARE OF SURROUNDING AND MOVE ONLY WHEN ALL CLEAR
CUTTING OF CONDUITS	HACK SAW CHOPSAW POWERSAW	CUTS OR ABRASIONS AIRBOURNE PARTICLES EXCESSIVE NOISE LEVELS	A	PPE REQUIRED — GLOVES AND SAFETY GLASSES AT ALL TIMES PPE REQUIRED — GLOVES, GLASSES AND HEARING PROTECTION PPE REQUIRED — GLOVES, GLASSES AND HEARING PROTECTION

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INSTALLING OF WIRES	LIFTING	BACK/ NECK/ LIMB INJURY	B	ASSESS EACH LIFT-USE PROPER TECHNIQUES AND EQUIPMENT USE PROPER TECHNIQUES -KEEP WORK AREA CLEAN AND CLEAR USE PROPER TECHNIQUES -KEEP WORK AREA CLEAN AND CLEAR WHEN MOVING LARGE REELS HACE CONTROL AT ALL TIMES USE THE RIGHT TOOLS - WEAR GLOVES TO PREVENT CUTS
	PULLING	STRAINS/ SLIPS/ FALLS		
	PUSHING	STRAINS/ SLIPS/ FALLS		
	ROLLING	CRUSHING		
	CUTTING	PINCHES AND CUTS		
MOVING OF EQUIPMENT/ MATERIALS	LIFTING	BACK/ NECK/ LIMB INJURY	B	ASSESS EACH LIFT- USE PROPER TECHNIQUES AND EQUIPMENT SECURE MATERILS PROPERILY - DO NOT OVERSTACK BE SURE INSTALLATION IS SECURE BEFORE REMOVING SUPPORTS
	STORING INSTALLING	TOPPLING/CRUSHING DROPPING/ FALLING		
INSTALATION OF NEW ELECTRICAL EQUIPMENT	IN CONFINED SPACES	ENTRAPMENT SUFFOCATION EXPLOSION BURNS	A	TO BE DONE BY TRAINED PERSONELL ONLY ALWAYS AS A TEAM - NEVER ON YOUR OWN CONTINUOS AIR QUALITY TESTING BY TRAINED PERSONELL CONTINUOS COMMUNICATION ONLY AFTER A COMPLETED AIR QUALITY/ ENTRY/ ESCAPE PLAN
		BACK/ NECK/ LIMB INJURY		
	IN NEW ELECTRICAL ROOMS	PINCHES CRUSHING TIGHT SPACES MUSCLE STRAINS CUTS AND ABRASIONS	B	USE PROPER LIFTING EQUIPMENT AND TECHNIQUES USE PROPER MOUNTING HARDWARE AND TECHNIQUES WEAR GLOVES WHEN EQUIPMENT HAS SHARP EDGES KEEP WORK AREAS CLEAR OF TRIP HAZARDS LEAVE YOUR SELF ROOM TO WORK -AVOID CLUTTER
		LIVE PANELS SHOCK HAZARDS OPEN WIRING		
(cont'd)	IN EXISTING ELECTRICAL ROOMS		A	ALWAYS CHECK FOR POWER NEVER WORK ON LIVE CIRCUITS IF POSSIBLE USE PROPER LOCK -OUT TAG PROCEDURES

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(cont'd) INSTALLATION OF NEW ELECTRICAL EQUIPMENT	(cont'd) IN EXISTING ELECTRICAL ROOMS	TESTING OF LIVE PANELS OPENING OF LIVE PANELS	A	WEAR PROPER SIZED ARC FLASH CLOTHING/GLOVES/EQUIPMENT NEVER WORK ALONE ESTABLISH ARC FLASH BOUNDARIES - HAZARD ANALYSIS USE PROPERLY RATED AND CALIBRATED TEST EQUIPMENT HAVE A COMPLETED WORK PLAN PRIOR TO STARTING
RENOVATION OF EXISTING ELECTRICAL EQUIPMENT	DEMOLITION	ASBESTOS DUST	A	HAVE HAZARD ASSESSMENT COMPLETED BY CERTIFIED COMPANY REMOVALS DONE BY CERTIFIED/TRAINED PERSONNEL ONLY DO NOT ENTER UNTIL CLEARANCE GIVEN IF UNSURE ASK QUESTIONS- DO NOT PROCEED WITH WORK
		GENERAL DEMOLITION DUST AND DEBRIS	B	WEAR APPROVED DUST MASKS RATED FOR TYPE OF WORK WEAR SAFETY GLASSES AT ALL TIMES WEAR HARD HATS AT ALL TIMES WEAR PROPER SAFETY FOOTWEAR AT ALL TIMES KEEP WORK AREAS CLEANED UP REGULARLY
		LIVE WIRING	A	LOCKOUT/ TAGOUT ANY CIRCUITS THAT HAVE TO STAY DISCONNECT FROM SOURCE ANY CIRCUITS FOR DEMOLITION ALWAYS CHECK FOR POWER BEFORE PROCEEDING
		LIGHTING	B	ALWAYS MAINTAIN SUFFICIENT LIGHTING LEVELS FOR TASKS
		SLIP AND TRIP	B	DAILY CLEAN UP OF WORK AREA
		CUTS AND ABRASIONS	B	WEAR WORK GLOVES WEAR PROPER CLOTHING FOR DEMOLITION

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(cont'd) INSTALLATION OF NEW ELECTRICAL EQUIPMENT	(cont'd) IN EXISTING ELECTRICAL ROOMS	TESTING OF LIVE PANELS OPENING OF LIVE PANELS	A	WEAR PROPER SIZED ARC FLASH CLOTHING/GLOVES/EQUIPMENT NEVER WORK ALONE ESTABLISH ARC FLASH BOUNDARIES - HAZARD ANALYSIS USE PROPERLY RATED AND CALIBRATED TEST EQUIPMENT HAVE A COMPLETED WORK PLAN PRIOR TO STARTING
RENOVATION OF EXISTING ELECTRICAL EQUIPMENT	DEMOLITION	ASBESTOS DUST	A	HAVE HAZARD ASSESSMENT COMPLETED BY CERTIFIED COMPANY REMOVALS DONE BY CERTIFIED/TRAINED PERSONNEL ONLY DO NOT ENTER UNTIL CLEARANCE GIVEN IF UNSURE ASK QUESTIONS- DO NOT PROCEED WITH WORK
		GENERAL DEMOLITION DUST AND DEBRIS	B	WEAR APPROVED DUST MASKS RATED FOR TYPE OF WORK WEAR SAFETY GLASSES AT ALL TIMES WEAR HARD HATS AT ALL TIMES WEAR PROPER SAFETY FOOTWEAR AT ALL TIMES KEEP WORK AREAS CLEANED UP REGULARLY
		LIVE WIRING	A	LOCKOUT/ TAGOUT ANY CIRCUITS THAT HAVE TO STAY DISCONNECT FROM SOURCE ANY CIRCUITS FOR DEMOLITION ALWAYS CHECK FOR POWER BEFORE PROCEEDING
		LIGHTING	B	ALWAYS MAINTAIN SUFFICIENT LIGHTING LEVELS FOR TASKS
		SLIP AND TRIP	B	DAILY CLEAN UP OF WORK AREA
		CUTS AND ABRASIONS	B	WEAR WORK GLOVES WEAR PROPER CLOTHING FOR DEMOLITION

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GENERAL ELECTRICAL WORK	ON SITE	DUST AND DEBRIS MOVING EQUIPMENT FALLING DEBRIS VISIBILITY	A	ALL CONSTRUCTION SITES REQUIRE PROPER PPE AT ALL TIMES HARD HATS, SAFETY BOOTS, SAFETY EYEWEAR, SAFETY VESTS HEARING PROTECTION WHEN REQUIRED FALL ARREST EQUIPMENT AND TRAINING WHEN REQUIRED
	CLIMBING	LADDERS	A	FALL ARREST ABOVE 3 METERS THREE POINT CONTACT AT ALLTIMES DAILY INSPECTION OF LADDER RIGHT HEIGHT LADDER FOR THE JOB
		SCAFFOLDING	A	FALL ARREST ABOVE 3 METERS DAILY INSPECTION OF STRUCTUE THREE POINT CONTACT AT ALLTIMES
	WORK IN PUBLIC AREAS	PUBLIC ACCESS	B	ROPE OFF AND IDENTIFY WORK AREA POST SIGNAGE NOTIFY APPROPRIATE PERSONELL
	HAZARDOUS CHEMICALS/ PRODUCTS	EXPOSURE TO USE OF STORAGE OF	C	ALL PERSONELL ARE TO HAVE WHMIS TRAINING BE AWARE OF WHAT IS BEING USED AROUND YOU ASK FOR MSDS SHEETS IF UNSURE OF PRODUCTS BEING USED
	HOUSE - KEEPING	WORK SITE CLEAN UP DISPOSAL OF GARBAGE LUNCH ROOM STORAGE AREAS	C	DAILY CLEAN - UP REQUIRED TO ELIMINATE TRIP HAZARDS PLACE ALL GARBAGE IN PROPER DISPOSAL BINS KEEP LUNCH ROOMS CLEAN TO PREVENT RODENT INFESTATION KEEP STORAGE AREAS CLEAN AND ORGANIZED
	(cont'd)			

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GENERAL ELECTRICAL WORK	INDOOR/ OUTDOOR WORK CONDITIONS	COLD TEMPERATURES WARM TEMPERATURES RAIN, ICE AND SNOW	C	ALWAYS CARRY APPROPRIATE CLOTHING WITH YOU ALWAYS DRESS FOR THE CONDITIONS YOU WORK IN NEVER WORK ON SNOW/ICE COVERED SURFACES. HAVE IT REMOVED IF POSSIBLE . IF NOT POSSIBLE WEAR APPROPRIATE ANTI-SLIP GRIPS MAINTAIN ADEQUATE FLUID SUPPLIES ON SITE TO STAY HYDRATED IN WARM TEMPERATURES. DRESS IN LAYERS AS YOUR WORKING CONDITIONS CAN VARY HOUR BY HOUR OR DAY BY DAY .
	SITE CONDITIONS	LIGHTING ACCESS TEMPERATURE DUST VENTALATION		MAINTAIN ADEQUATE LIGHT LEVELS FOR WORK BEING PERFORMED KEEP ENTRY/EXIT ROUTES CLEAR AT ALL TIMES BE AWARE THAT TEMPERTURES CAN VARY ROOM BY ROOM OR FLOOR BY FLOOR SO YOU WILL NEED TO DRESS ACCORDINGLY WEAR PROPER DUST MASKS IF IT REALLY DUSTY ENVIRONMENT MAINTAIN ADEQUATE VENTITATION THROUGH OUT SITE FOR A SAFE WORK ENVIRONMENT