



## Boiler Replacement

E1	HIGH LEVEL WORKING (INSTALLATION & RELAMPING/MAINTENANCE)	FATAL FALL/MAJOR INJURY	ALL TRADES & VISITORS TO SITE	H	H	H	CONTRACTOR TO USE WORKING PLATFORMS & SCAFFOLDS. NO OTHER OPTION DUE TO METHOD OF CONSTRUCTION AND HEIGHT REQUIREMENTS (MIN HEIGHT)  LONG LIFE LAMPS SPECIFIED (PL) TO REDUCE MAINTENANCE CALLS TO RELAMP	TRAINING ON USE OF SCAFFOLD TOWERS MEN WORKING OVER HEAD SIGNS SAFE LIFTING/TRANSPORT OF EQUIPMENT AND TOOLS TO HIGH PLATFORM  METHOD STATEMENT REQUIRED
E2	SAFE WORKING ON EXISTING INSTALLATION	ELECTRIC SHOCK AND BURNS/EXPLOSION	ELECTRICAL STAFF	M	H	H	ANY INFORMATION GIVEN IN SPECIFICATION IS FOR GUIDANCE ONLY. CONTRACTOR TO VERIFY ANY CIRCUIT INFORMATION FOUND ON SITE AS DB CHARTS/INFORMATION MAY NOT BE UP TO DATE	CONTRACTOR TO ALLOW FOR TRACING/IDENTIFY CIRCUITS TO BE EXTENDED/MODIFIED
E3	WORKING AROUND TRENCHES FOR SERVICES	FALL/BURIED/BODILY INJURY	ALL	M	H	H	ALL TRENCHES WILL BE CORDERED OFF WITH WARNING TAPES TO BE INSTALLED BY CONTRACTOR FORMING TRENCHES. ENSURE ANY WARNING TAPES REMOVED/DISTURBED DURING CALE LAYING ARE REINSTATED.	CONTRACTOR TO BE AWARE OF REQUIREMENTS  TOOL BOX TALKS WITH OPERATIVES TO COVER WORKING AROUND TRENCHES. CO-ORDINATION BETWEEN ALL TRADES  METHOD STATEMENT REQUIRED
E4	LOSS OF FIRE ALARM SYSTEM PROTECTION FOR NORMAL SITE USERS	FATAL INJURY/SMOKE INHILATION/BURNS IF FIRE BREAKS OUT AND NO ALARM AVAILABLE	ALL	L	H	H	MODIFICATIONS TO FIRE ALARM SYSTEM TO BE UNDERTAKEN OUT OF NORMAL HOURS	SPECIFICATION REQUIRES CONTRACTOR TO CARRY OUT ALL MODIFICATIONS O FIRE SYSTEM OUT OF NORMAL HOURS WITH SYSTEM BEING TESTED AND READY FOR NEXT WORKING DAY
E5	LOSS OF EMERGENCY DUE TO ISOLATION OF EXISTING SERVICESLIGHTING	INJURY THROUGH TRIPPING IN DARK CORRIDORS IN EMERGENCY SITAUTION	STAFF/PUPILS/ VISITORS IN SCHOOL DURING DARK HOURS	L	H	H	ELECTRICAL CONTRACTOR TO ARRANGE TEMP ELECTRICAL SUPPLIES TO EMERGENCY LIGHTING DURING EXTENDED SHUTDOWN TO AVOID RUNNING	SPECIFICATION INFORMS CONTRACTOR TO MAKE ALLOWANCE FOR TEMP SUPPLIES.

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		INJURY TO LIMBS AND PANIC SAVE EXIT REQUIRED					BATTERIES TO LOW LEVELS. EMERGENCY LIGHTING MUST BE AVAILABLE AT ALL TIME SCHOOL IS IN USE	METHOD STATEMENT REQUIRED
E6	LOOSE CABLES	TRIPPING/SNAG AND BODILY INJURY	ALL	M	M	M	GOOD WORKING PRACTICE WILL REQUIRE CONTRACTOR TO MANAGE CABLES DURING INSTALLATION PROCESS	TOOL BOX TALKS
E8	HANDLING OF HEAVY CONTROL PANEL(>100KG), LIGHT FITTINGS TO HALL(>10KG) , TRUNKING AND SWA CABLES	MUSCULAR-SKELATAL INJURY TO CARRIER AND RISK TO THOSE WORKING UNDER	ALL TRADES	M	H	H	NO ALTERNATIVE TO EQUIPMENT DUE TO REQUIREMENTS OF SITE AND DESIGN.	CONTRACTOR TO ARRANGE FOR SAFE LIFTING OF EQUIPMENT INTO AREAS AND TO HIGH LEVEL WORKING PLATFORMS. SUITABLE LIFTING METHODS REQUIRED.  METHOD STATEMENT REQUIRED
E9	WORKING IN CLOSE PROXIMITY TO SWEB 11000 VOLT CABLE BEING EXPOSED/JOINTED/ REROUTED	FATAL INJURY THROUGH EXPLOSION , BURNS AND SHOCK	ALL TRADES & VISITORS	H	H	H	S WEB TO IDENTIFY ROUTE AS FAR AS PRACTICABLE TO ALLOW SAFE EXPOSURE  SWEB TO SUPERVISE EXPOSURE OF BURIED CABLE.  SWEB WILL CARRY OUT JOINTING TO REROUTE AND TESTING  NO ALTERNATIVE AS SITE GROUND WORKS AND FOUNDATIONS WILL EXPOSE CABLE	METHOD STATEMENT REQUIRED FROM SWEB AND CONTRACTOR EXPOSING CABLE
E10	WORKS IN EXISTING SCHOOL ROUTING FIRE ALARM LINK CABLES TO NEW FACILITY	ASBESTOS MATERIALS	ALL	L	H	H	DUE TO AGE OF SITE THERE MAY BE CEILING BOARDS WHICH HAVE A % OF ASBESTOS MATERIAL.  THERE MAY BE WARNING LABELS DISPLAYED ON TILES/OTHER BUILDING	INSTRUCT STAFF TO EXERCISE CAUTION WHEN ROUTING CABLES AND LOOK FOR WARNING LABELS.  IF IN ANY DOUBT DO NOT DISTURB THE MATERIAL AND CONTACT SUPERVISING

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							<p>FEATURES WHICH IDENTIFY THE HAZARD BUT THERE MAY STILL BE ISOLATED AREAS WHICH HAVE YET TO BE IDENTIFIED.</p> <p>CABLES TO BE ROUTED IN PLASTIC TRUNKING IN EXISTING SCHOOL WHERE CEILING TILES CANNOT BE DISTURBED DUE TO ASBESTOS CONTENT</p>	<p>ENGINEER</p> <p>METHOD STATEMENT REQUIRED</p>
E11	TESTING&COMMISSIONING	EXPOSED LIVE PARTS	ALL	H	M	H	<p>TESTING &amp; COMMISSIONING IS PART OF THE INSTALLATION PROCESS AND EQUIPMENT WILL BE OPEN FOR PERIODS OF TIME DURING THE PROCESS</p> <p>NO ALTERNATIVE CAN BE PUT FORWARD</p>	<p>SUITABLE WARNING LABELS TO BE POSTED ON EQUIPMENT BEING TESTED WHERE EXPOSED CONNECTIONS WILL PRESENT A HAZARD.</p> <p>LEAVE EQUIPMENT OPEN FOR AS SHORT TIME AS POSSIBLE TO REDUCE RISK OF NON TRAINED STAFF</p> <p>METHOD STATEMENT REQUIRED</p>
E12	TESTING&COMMISSIONING MODIFICATIONS TO EXISTING SERVICES	ELECTRIC SHOCK, EXPLOSION AND BURNS	ELECTRICAL TRADES	H	H	H	<p>NO LIVE WORKING TO BE UNDERTAKEN EXCEPT WHERE CIRCUITS NEED TO BE ENERGISED FOR PARTICULAR TESTS.</p>	<p>METHOD STATEMENT REQUIRED</p>
E13	WORKING IN ROOF SPACES (PERSONAL PROTECTION)	IRRITANTS MINERAL WOOL AND ROOF SPACE DUST	ALL TRADES	H	H	H	<p>NO OPTION TO WORKING IN ROOF SPACE AREAS DURING INSTALLATION, TESTING AND COMMISSIONING</p>	<p>PROTECTIVE CLOTHING/MASKS</p> <p>METHOD STATEMENT REQUIRED</p>
E14	WORKING IN ROOF SPACES (SAFE WORKING)	FALLING	ALL TRADES	H	H	H	<p>NO OPTION TO WORKING IN ROOF SPACE AREAS DURING INSTALLATION, TESTING AND COMMISSIONING</p>	<p>WALK BOARDS AND TEMPORARY LIGHTING (IF NO LIGHTING EXISTS) REQUIRED</p> <p>METHOD STATEMENT REQUIRED</p>

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E15	REMOVAL OF STORAGE HEATERS (WITH NO ASBESTOS)	MUSCULAR SKELATAL INJURY AND CRUSHING	ALL TRADES	M	H	M	ASSUME HEATERS WILL BE REMOVED AS WHOLE OR BROKEN DOWN TO COMPONENT PARTS	USE OF LIFTING EQUIPMENT  PROTECTIVE CLOTHING/RESPIRATORS REQUIRED WHEN UNITS BROKEN DOWN (DUST)  METHOD STATEMENT REQUIRED
E16	REMOVAL OF STORAGE HEATES WITH ASBESTOS CNTENT	CONTAMINATION	ALL	H	H	H	IDENTIFY UNITS WITH ASBESTOS CONTENT	UNITS TO BE REMOVED BY SPECIALIST CONTRACTOR  METHOD STATEMENT REQUIRED
E17	ACCESS TO SITE OVER HEAD CABLES/SERVICES	ELECTRIC SHOCK/BURN/FATAL INJURY	ALL	H	H	H	HAZARD CANNOT BE REMOVED  CONTRACTOR TO BE AWARE OF SERVICES PRESENT	CONTRACTOR TO CONTACT SUPPLY AUTHORITY TO ARRANGE FOR SLEEVEING WHERE REQUIRED.
18	BURIED ELECTRICAL SERVICES	ELECTRIC SHOCK/BURN/FATAL INJURY	ALL	H	H	H	CONTRACTOR TO SURVEY SITE AND REFERTO SUPPLY AUTHORITY/PHONE SERVICE PROVIDERS FOR NETWORK PLANS	SITE SURVEY OBTAINING PLANS  METHOD STAEMENT REQUIRED
E18	CONFINED SPACES	*****	*****					TO BE ASSESSED <<<<<<<

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