

ELITE PRECAST CONCRETE LIMITED

Halesfield Site 2

RISK ASSESSMENT & METHOD STATEMENT

EPC004 – HI005

Annual Inspection of Compressed Air System Manifold, Ports & Pipe-work (Isolation)

SCOPE OF WORKS

- 1). Preliminary inspection and Isolation
- 2). Annual inspection of Compressed Air System Manifold, Ports & Pipe-work
- 3). De-isolation of Compressed Air system

RISK ASSESSMENT

RISK ASSESSMENT GUIDE TABLE			
HAZARD PROBABILITY (PROB)	FACTOR	HAZARD SEVERITY (SEV)	FACTOR
HIGHLY UNLIKELY	1	INSIGNIFICANT	1
REMOTE POSSIBILITY	2	MINOR - LIGHT DAMAGE	2
FAIR CHANCE	3	MODERATE - DAMAGE / INJURY	3
HIGHLY PROBABLE	4	SERIOUS DAMAGE / INJURY	4
ALMOST CERTAIN	5	DANGEROUS - FATAL	5
RISK FACTOR CALCULATION			
RISK FACTOR = PROBABILITY FACTOR X SEVERITY FACTOR			
RISK FACTOR	CATEGORY	ACTION	
1-5	ACCEPTABLE	ROUTINE ACTION	
6-10	ACCEPTABLE	EMPLOY SAFETY SYSTEMS	
11-15	MARGINAL	REDUCE RISK / EMPLOY ALL SAFETY SYSTEMS	
16-20	UNDESIRABLE	MAXIMUM CAUTION / CLOSE SUPERVISION	
21-25	UNACCEPTABLE	MUST NOT BE ALLOWED	

[illegible]

METHOD STATEMENT

ASSESSOR	LEE SKINNER	POSITION	FITTER	DOCUMENT NUMBER	EPC004 - HI005	DATE	19 th August, 2011
ITEM	DESCRIPTION						RISK NUMBERS
1	PRELIMINARY INSPECTION AND ISOLATION						
	A). WHILST COMPRESSED AIR SYSTEM IS PRESSURED, IT IS NECESSARY TO DETERMINE IF ANY JOINTS OR CONNECTIONS WITHIN THE SYSTEM ARE LEAKING. APPLY LIQUID SOAP / WATER SOLUTION AROUND JOINTS TO ASSIST IN FINDING SMALL LEAKS IF NECESSARY. ALL ACCESS TO THE PIPE-WORK AND AIR SYSTEMS AT HEIGHT MUST BE ATTAINED BY WAY OF MEWP OR SCISSOR LIFT.						
	B). RECORD AND IDENTIFY ANY CONNECTIONS / JOINTS WHICH REQUIRES ATTENTION / REPAIR.						
	C). TAKE AN ISOLATION LOCK AND KEY FROM FITTERS KEY SAFE						
	D). TURN COMPRESSOR OFF AT MAIN ISOLATION POINT AND LOCK OFF WITH ISOLATION LOCK						
	E). RETAIN KEY TO ISOLATION LOCK UNTIL RESTORATION OF MOTIVE POWER.						
	F). TAKE COMPRESSOR HOUSING KEY FROM FITTERS KEYSAFE AND REMOVE PAD-LOCK FROM HOUSING DOORS. OPEN DOORS						
	G). ENSURE THAT THE SWITCH ON THE PRESSURE SWITCH IS SET IN THE 'O' (OFF) POSITION						
	H). USING THE DRAIN VALVE RELEASE ANY RESIDUAL PRESSURE FROM WITHIN THE AIR SYSTEM AND COMPRESSOR						
2	INSPECTION / SERVICE & REPAIRS TO SYSTEM						
	1). REMOVE ALL FILTER GLASSES AND FILTERS WITHIN THE SYSTEM AND CLEAN / REPLACE AS NECESSARY. REPLACE FILTERS AND GLASSES						
	2). REMOVE ALL WATER TRAP GLASSES AND CLEAN OUT. ENSURE VALVE IS WORKING CORRECTLY AND RE-FIT TO CASINGS						
	3). ALL IDENTIFIED LEAKS ARE TO BE REPAIRED, USING MEWP OR SCISSOR LIFT WHEN WORKING AT HEIGHT						
	4). CHECK COMPRESSED AIR SYSTEM REGULATORS & CLEAN ALL PRESSURE VALVE DISPLAY GLASSES SO THEY ARE LEGIBLE. REPLACE WITH NEW AS NECESSARY.						
	RECORD ALL DETAILS OF WORK CARRIED OUT ON THE INSPECTION REPORT SHEET.						

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3	DE-ISOLATION OF COMPRESSOR AND TEST RUN OF SYSTEM						
	A). ENSURE ALL VALVES WITHIN THE PIPE-WORK SYSTEM ARE CLOSED						
	B). ENSURE SWITCH ON PRESSURE SWITCH IS SET IN 'O' (OFF) POSITION.						
	C). ENSURE THE DRAIN VALVE IS SET IN THE CLOSED POSITION						
	D). REMOVE ISOLATION LOCK FROM MAIN ELECTRICAL ISOLATOR AND TURN POWER SUPPLY ON						
	E). RETURN TO COMPRESSOR						
	F). TURN SWITCH ON PRESSURE SWITCH TO '1' (ON) POSITION. COMPRESSOR SHOULD NOW START. THE PRESSURE SWITCH WILL AUTOMATICALLY CONTROL THE STOPPING AND STARTING OF THE COMPRESSOR TO THE FACTORY STANDARD SETTINGS.						
	G). CLOSE COMPRESSOR HOUSING DOORS AND LOCK WITH PAD-LOCK. RETURN COMPRESSOR HOUSING KEY AND ISOLATION LOCK AND KEY TO FITTERS KEY SAFE.						
	H). AFTER ALLOWING ADEQUATE TIME FOR PRESSURE BUILD UP CHECK MAIN FEED VALVE FOR ADEQUATE PRESSURE.						
	I). WORKING FROM THE MAIN AIR INLET, COMMENCE OPENING THE VARIOUS VALVES WITHIN EACH SYSTEM, ENSURING THAT NO LEAKS ARE DETERMINABLE BETWEEN EACH VALVE IN SEQUENCE.						
	J). ENSURE ALL REGULATOR VALVES ARE SET AT THE CORRECT PRESSURE AND THAT THE CORRECT PRESSURE IS BEING ATTAINED						
4	REMOVE ALL DEBRIS AND EQUIPMENT FROM THE WORK AREA.						

NAME OF ASSESSOR

SIGNATURE OF ASSESSOR DATE

NAME OF EPC OFFICIAL APPROVING DOCUMENT (PRINT)

SIGNATURE OF EPC OFFICIAL APPROVING DOCUMENT EPC004 – HI005

DATE

I HAVE READ THE ABOVE DOCUMENT AND UNDERSTAND THE WORK TO BE CARRIED OUT WITHIN THE GUIDELINES AND METHOD STATEMENT

NAME OF OPERATOR

SIGNATURE OF OPERATOR DATE

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