Risk Assessment Record

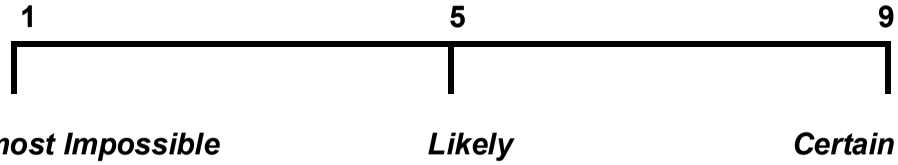
Ref: RA 201
Title: Portable Appliance Testing (Generic)

INTERSAFE

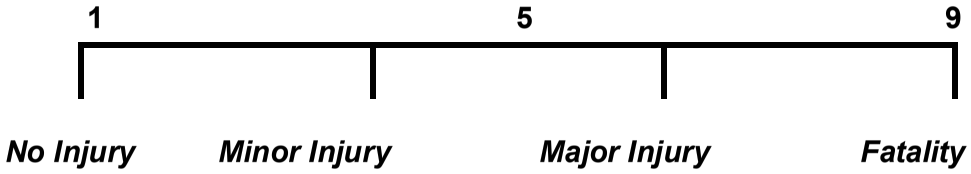
REVISION HISTORY

DATE	NO.	SUMMARY	ASSESSOR	AUTH.
12/08/06	00	CREATED	**MSE**	**AP**
14/08/07	01	REVIEWED	**MSE**	**AP**
11/08/08	02	REVIEWED	**MSE**	**AP**

Probability:



Most Likely Severity:



RISK FACTOR

Probability									
9	18	27	36	45	54	63	72	81
8	16	24	32	40	48	56	64	72
7	14	21	28	35	42	49	56	63
6	12	18	24	30	36	42	48	56
5	10	15	20	25	30	35	40	45
4	8	12	16	20	24	28	32	36
3	6	9	12	15	18	21	24	27
2	4	6	8	10	12	14	16	18
1	2	3	4	5	6	7	8	9
	1	2	3	4	5	6	7	8	9

Severity

Probability x Severity = Risk

1 to 9 = Low risk – reduce if practicable

10 to 28 = Medium risk – begin to plan your action immediately

30 & above = High Risk – Immediate Action Required

RISK ASSESSMENT RECORD

Risk Assessment No. RA 201 : 00

PAT TESTING (Generic)

Initial Assessor: **Mark England**

HAZARD	WHO	POSSIBLE HARM/DAMAGE	HARM LIKELIHOOD	HARM SEVERITY	RISK FACTOR	MEASURES	POST-RA FACTOR
Capacitive discharge	Test Technicians	Minor Shock Minor Burns	**3**	**2**	**6**	1 Care is taken with equipment such as VDUs which can exhibit residual capacitance when power is removed. Such equipment is first turned off at it's main control and then isolated at the socket-outlet. The technician will wait a short time (5 seconds) for the equipment to de-energise before unplugging. 2 Test Technician competency and safety to be assessed by relation to his/her knowledge, aptitude, training and experience. In addition, Technicians are qualified to level three, C&G 2377. 3 Compliance is required with the test sequence series and procedures advised in 'IEE Code of Practice for In-Service Inspection and Testing of Electrical Equipment'. 4 Equipment supplied and used is specifically designed to minimise the risk of electrical shock by the removal of fault paths to earth. This will include, but not be confined to electrical measurement equipment manufactured to BS(EN) 61010 and test leads to GS38.	**1 x 2** **2**

Greatest Risk Rating Pre-Assessment: **6**

Greatest Risk Rating Post-Assessment: **2**

RISK ASSESSMENT RECORD

Risk Assessment No. RA 201 : 00

PAT Testing (Generic)

Initial Assessor: **Mark England**

HAZARD	WHO	POSSIBLE HARM/DAMAGE	HARM LIKELIHOOD	HARM SEVERITY	RISK FACTOR	MEASURES	POST-RA FACTOR
Poor condition of electrical equipment.	Test Technicians	Electrocution Shock Burns Fractures	**3**	**9**	**27**	1 Technicians are instructed to approach testing & inspection with the presumption that unexpected hazards are present and to take appropriate precautions. 2 All items receive a full thorough visual inspection before testing. If defective, items are not tested and removed from service.	**1 x 9** **9**
	All other persons at risk in the installation	Electrocution Shock Burns Fractures	**2**	**9**	**18**	1 Defective equipment is removed from service, labelled as faulty and taken to a place of safety as agreed with the client.	**1 x 1** **1**

Greatest Risk Rating Pre-Assessment: **27**

Greatest Risk Rating Post-Assessment: **9**

HAZARD	WHO	POSSIBLE HARM/DAMAGE	HARM LIKELIHOOD	HARM SEVERITY	RISK FACTOR	MEASURES	POST-RA FACTOR
Working in confined spaces	Test Technicians	Slips, trips & falls at same level. Hitting fixed/stationary objects. Fatigue.	**3**	**7**	**21**	1 A certain amount of work beneath desks and workstations is expected. Technicians are reminded of the need to 'Take Two' before accessing these areas. 2 Knee protection is provided for use where significant floor work is required. 3 Care is to be taken post-testing to ensure that cabling etc. is replaced tidily. 4 Regular short breaks are encouraged in order to allow rest and stretching to prevent cramp.	**1 x 3** **3**

Greatest Risk Rating Pre-Assessment: **21**

Greatest Risk Rating Post-Assessment: