

LABC CONSULT FIRE RISK ASSESSMENT PERSONAL DEVELOPMENT PLANNER (PDP)

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PDP Step 1 – APPRAISAL

A. Current professional role Special Projects and Marketing Manager 'My main areas of responsibility are . . . '
<ul style="list-style-type: none"> To advise a Building Control body regarding means of escape and fire engineering matters for major projects within the Borough To carry out fire risk assessments
B. Skills/knowledge profile 'My key strengths are . . . '
<ul style="list-style-type: none"> Good technical understanding of matters relating to fire safety, means of escape and fire engineering Advising applicant how to achieve their aims whilst complying with the aims of the applicable fire legislation Reliable and conscientious
C. Short-term development needs 'I would be more effective if I could . . . '
<p>Have a complete knowledge of Human behaviour in fire situations, use of differing detection devices, escape lighting allocation, hot works procedures and relationship between Equalities Act and disabled escape provision.</p>
D. Long-term personal/career development 'In the future I would like to be able to...'
<p>Knowledge to use non code compliant solutions based upon a sound reasoning of fire engineering and human behaviour.</p>

PDP Step 2 - PLANNING

Development Objective (Learning Goals)	Current Level of Competence	Required Level of Competence	Practical Considerations (e.g. time required, cost, availability of courses)	Timescale for Outcome	Priority of Objective
To increase knowledge of human behaviour in relation to fire situations.	Based upon LABC exam – was not able to demonstrate a complete knowledge.	Full understanding possibly updating current knowledge		Two months	High
To understand the relationship between the Equalities Act and reasonable adjustment for access and the RRO requirements for egress.	Incomplete	Full understanding		Two months	High
To increase knowledge of types of detectors and areas covered by emergency lighting.	Incomplete	Full understanding		Two months	High
To increase knowledge of hot works	Incomplete	Full understanding		Two months	High

PDP Step 3 – ACTIONS TAKEN

Development Objective (as per Step 2)	Subject Area	Method of Development including description of activity	Date(s) of activities	Time Spent in hours
To increase knowledge of human behaviour in relation to fire situations		Reading the following documents: <ul style="list-style-type: none"> • 'Panic' and human behaviour in fire (ref 1) • CLC Document 45/1992: Human Behaviour in Fires (ref 2) • NIST Technical Note 1632 • The Process of Human Behavior in Fires (ref 3) • Notes of Institution of Fire Engineers 2009 AGM Conference and Exhibition 1-2 July 2009 Human Fire Behaviour - and Performance Based Design Prof. David Purser 	15/6/12 16/6/12 19/6/12	6 hours
To understand the relationship between the Equalities Act and reasonable adjustment for access and the RRO requirements for egress.		Reading of Equalities Act and CLG guides references to disabled escape provision	21/6/12 22/6/12	3 hours
To increase knowledge of types of detectors and areas covered by emergency lighting.		Reading of BS 5839-1 and BS 5266-1 Consideration of manufacturer's websites – with products offered.	24/6/12 25/6/12	4 hours
To increase knowledge of hot works		Reading of HSE Guide to hot works	27/6/12	1 hour

PDP Step 4 – RESULTS & REFLECTION

Development Objective (as per Step 2)	New Level of Competence	Outcome (Have I achieved my objective? How have I used/benefited from the development? What did I learn from this?)	What further action is required in the future?
To increase knowledge of human behaviour in relation to fire situations		<p>Literature review confirmed the following (a few examples of a number principles):-</p> <ul style="list-style-type: none"> • Panic is a term commonly misused by the media and also by some fire safety professionals. Anxiety is misinterpreted as panic. Panic is often used as an excuse for poor means of escape design. (ref 1) • Prescriptive codes place emphasis upon travel distance. Evidence shows pre-movement time is significant factor for evacuation time. The right type of early warning, information about the fire situation and familiarity with alternative route in a building is as equally important. • The 10m guidance regarding acceptable movement through smoke is not based upon sound reasoning, and is therefore questionable. (ref 2) 	Consideration of any new areas of research relating to human behaviour.
To understand the relationship between the Equalities Act and reasonable adjustment for access and the RRO requirements for egress.		Where the Equalities Act provides the legislative lever that reasonable access should be provided – this should be linked to an equivalent reasonable level of escape provision – based upon the circumstances.	Keep abreast of legislative changes and rulings in this area.
To increase knowledge of types of detectors and areas covered by emergency lighting.		Detection is available in a number of differing varieties allowing a degree of sensitivity depending upon the needs of the application.	Keep abreast of changes in technology in this area.
To increase knowledge of hot works		The procedures and needs to safeguard against potential problems due to hot work are more clearly known, and I am aware of further reading resources to refer to if needed for specific applications.	Keep abreast of changes in policy in this area.

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