QUALIFICATION INFORMATION SHEET

ABC Level 3 Award in Building Services Engineering (Mechanical)		
Purpose and Aim of Qualification	This award enables learners to develop a knowledge, understanding and experience of the underlying regulations, standards, industry codes of practice and principles associated with the design and installation of mechanical engineering services systems (air conditioning and refrigeration, heating and ventilation and plumbing) for buildings and structures. Learners will focus on planning, design and analysis of component application in building services engineering (mechanical) systems (air conditioning and refrigeration, heating and ventilation and plumbing). They will explore and evaluate the advantages, disadvantages and limitations of systems and their components in terms of their application and function in an identified building or structure. (It is a requirement that the learner follows the Level 2 Building Services Engineering unit prior to starting this unit or it is undertaken simultaneously). **Aspects addressed within this Award:** • Building services engineering (mechanical) including: o Regulations and legislation o Systems o Technical, scientific and design principles	
Additional Benefits to Learners	Learners who successfully achieve this ABC Award could progress into craft, technician, managerial and professional training and qualifications.	
Job Role	With further education and training, this qualification could help learners consider employment in the following areas: Plumber Heating engineer Ductwork installer Refrigeration Engineer Air conditioning Engineer Public Lighting Installer Installation Electrician	
Rules of Combination	This is a single unit Award	
Recommended GLH	120	
Assessment	The ABC Level 3 Award in Building Services Engineering (Mechanical) is internally assessed, internally and externally moderated.	
Age Ranges	**Pre 16**	**P**
	16 – 18	**P**
	19+	**P**
Unit Title	Building Services Engineering (Mechanical)	
Qualification Type	Vocationally – Related Qualifications (VRQ)	
Qualification Subject Area	QCA Sector is Construction, Planning and Built Environment (5.2 Building and Construction) ABC Awards Sector is Building and Construction	
Qualification Ref No.	500/3943/X	
Marketing of the Qualification	ABC Awards will use a variety of methods, these include: • Flyers and newsletters • Published specification • Network meetings / launches • Business Development Manager visits to centres	
Notes	This qualification has been accredited by QCA for accreditation for inclusion on the National Qualifications Framework. Accreditation start date is the1st May 2008. This qualification is designated as specialist learning for the Construction and Built Environment 14-19 Diploma and the Engineering 14-19 Diploma.	
Administering Office	Nottingham	