



OTTC Air-Conditioning Diploma - Proposed Training Plan - 2019

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Client:				Learner:			
Contact:				Tel. No.:			
Tel. No.:				Fax No.:			
Course	Content / Objective	Your Dates:	Duration	Includes also Unit Standards	Total Cost		
Pre-Condition OTTC Practical Refrigeration Diploma or equivalent prior learning							
AC - 1	Principles of air conditioning, main components, measurement equipment for air conditions. Psychrometrics intro, air humid handling, processes and equipment		1 week (22 Credits)	116698, 116695, 116377,116411	Price per course R 7,500.00 Excl VAT		
AC - 2	Advanced air volume calculations, sizing of AC-systems, AC projects design and calculations. Heat load and humidity load calculations, comfort zone, requirements for room conditions		1 week (7 Credits)				
AC - P1/ AC - P2	Practical: plot, manufacture & installation of complete duct system, connection boxes, fan, air-grilles, dampers, advanced manufacturing & servicing skills, measuring air-volume, control air-flow		2 weeks		FULL PROGRAM PER PERSON 5 WEEKS Program can be spread over 3.5 Years		
AC - 3 Diploma	Lay-out & design of control, air-handling unit with mix chamber, filter, fans, heat-exchanger, air-distribution. duct design and air-distribution, plant design and tuning, heat load and humidity load calculations Air-conditioning Technical Diploma Test		1 week				
Quoted prices includes: Work Sheets, Material, Lunch, Tea, Coffee. Pass mark per course 60%, Pass mark for AC-Diploma test 75% theoretical and practical. --Pre requisites: basic literacy + numeracy -- Courses are presented in English.				29 Credits		5 weeks	
OTTC has full Accreditation for Learners at NQF Level 2, 3, 4 Certificate No 17-QA/ACC/0333/08						Payment can be paid per week but must be done before course start.	
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