

(A) Training Information on Shortage Trades for the Past Five Years Provided by Construction Industry Council

Trade*	(i) Training Courses	(ii) Years Operated	(iii) Training Places					(iv) Entry Qualifications	(v) Training Period	(vi) Employment Rate of Graduated Trainees
			2014	2015	2016	2017	2018			
1. Bar Bender and Fixer	The Construction Industry Council (CIC) offers various training courses, including: (i) adult short courses (ii) Enhanced Construction Manpower Training Scheme (ECMTS) (iii) Certificate in Construction Programme (former Basic Craft Course) (iv) Diploma in Construction Programme (v) Construction Tradesman Collaborative Training Scheme (CTS) jointly organised by CIC and contractors or relevant trade unions.	In the past five years, a majority of the training courses were offered.	1 332	1 188	1 440	1 371	1 096	Save for construction certificate and diploma courses which require completion of Secondary Three and Secondary Six respectively (under New Senior Secondary Academic Structure), all persons can apply for adult short courses and ECMTS, provided that they are Hong Kong residents aged 18 or above; permitted to work in Hong Kong, and with suitable physical conditions. Certain courses may also require completion of Primary Six or Secondary Three.	The course duration of ECMTS, adult short courses or CTS will last for one to six months, and that for construction certificate and diploma courses will last for one year.	In the past five years, the average employment rate of graduated trainees 12 months after graduation was 90% or above. For CTS, contractors generally adopt a “first-hire-then-train” mode. All trainees are already employed upon commencement of training.
2. Carpenter			1 076	1 102	1 133	1 100	883			
3. Concretor			158	184	375	298	224			
4. Rigger / Metal Formwork Erector		In recent years, diploma courses were introduced for some trades, such as bricklaying, plastering and tiling, and metal work and welding, starting from the 2017/18 academic year.	16	13	67	124	95			
5. General Welder			217	129	270	275	286			
6. Leveller		Besides, starting from 2015/16 academic year, classes for some trades, such as welding, metal scaffolding, and plumbing are also conducted in English, so that non-Chinese speakers, especially ethnic minorities, can enroll the training courses and join the construction industry.	832	806	969	1 051	788			
7. Plasterer			340	280	399	475	429			
8. Bricklayer		In recent years, diploma courses were introduced for some trades, such as bricklaying, plastering and tiling, and metal work and welding, starting from the 2017/18 academic year.	313	310	399	455	369			
9. Metal Scaffolder			308	307	355	188	223			
10. Metal Worker		Besides, starting from 2015/16 academic year, classes for some trades, such as welding, metal scaffolding, and plumbing are also conducted in English, so that non-Chinese speakers, especially ethnic minorities, can enroll the training courses and join the construction industry.	222	244	254	220	174			
11. Structural Steel Welder			20	20	20	20	10			
12. Painter and Decorator		In recent years, diploma courses were introduced for some trades, such as bricklaying, plastering and tiling, and metal work and welding, starting from the 2017/18 academic year.	512	572	649	550	525			
13. Curtain Wall Installer			105	105	45	75	45			
14. Escalator Mechanic		Besides, starting from 2015/16 academic year, classes for some trades, such as welding, metal scaffolding, and plumbing are also conducted in English, so that non-Chinese speakers, especially ethnic minorities, can enroll the training courses and join the construction industry.	4	-	4	-	8			
15. Lift Mechanic			44	26	76	50	32			
16. Plumber		In recent years, diploma courses were introduced for some trades, such as bricklaying, plastering and tiling, and metal work and welding, starting from the 2017/18 academic year.	375	377	430	474	590			
17. Fire Service Mechanical Fitter			10	-	8	13	34			
18. Fire Service Electrical Fitter		Besides, starting from 2015/16 academic year, classes for some trades, such as welding, metal scaffolding, and plumbing are also conducted in English, so that non-Chinese speakers, especially ethnic minorities, can enroll the training courses and join the construction industry.	-	-	8	29	30			
19. Refrigeration / Air-conditioning / Ventilation Mechanic (Air System)			88	24	50	18	24			
20. Refrigeration / Air-conditioning / Ventilation Mechanic (Water System)		In recent years, diploma courses were introduced for some trades, such as bricklaying, plastering and tiling, and metal work and welding, starting from the 2017/18 academic year.	17	12	20	28	52			
21. Tunnel Worker			4	100	93	-	40			
22. Shotfirer		40	40	40	40	40				

*In past five years, no training courses were available for the following four specialist trades : structural steel erector, compressed air worker, plant and equipment operator (tunneling) – tunnel boring machine, and trackworker. For these specialist trades, contractors will generally take the initiative to recruit and conduct on-the-job training based on the project needs.

(B) Training Information on Shortage Trades for the Past Five Years Provided by Vocational Training Council

Trade	(i) Training Courses (exclusive of short courses and in-service training programmes)	(ii) Years Operated	(iii) Training Places					(iv) Entry Qualifications	(v) Training Period	(vi) Employment Rate of Graduated Trainees
			2014	2015	2016	2017	2018			
1. Bar Bender and Fixer	Diploma in Construction Management Studies – Rebar Bending and Fixing	Started operation from 2017/18 academic year	-	-	-	-	58	Completion of Secondary Six (under New Senior Secondary Academic Structure) with at least one year relevant working experience; or aged 21 or above with at least three years' relevant working experience, and passing of an entry assessment	12 months	100%
2. Structural Steel Welder	Basic Welding Operative Course	Offered throughout past five years	300 (No breakdown of yearly figures)					Aged 15 or above, no academic requirement.	15 weeks	Not available
3. Escalator Mechanic 4. Lift Mechanic	Diploma of Vocational Education (Electrical Engineering - Lift and Escalator Stream)		316	273	289	318	309	Completion of Secondary Three	Three to four years	In the past five years, the average employment rate of full-time graduated trainees 12 months after graduation was 95% or above.
5. Fire Service Mechanical Fitter 6. Fire Services Electrical Fitter 7. Refrigeration / Air-conditioning / Ventilation Mechanic (Air System) 8. Refrigeration / Air-conditioning / Ventilation Mechanic (Water System)	Diploma of Vocational Education (Building Services Engineering)		257	253	272	276	272			